ASHRAE’S CORE VALUES

As we begin our 2018-2019 Tri-County ASHRAE season, let’s take a moment to review ASHRAE’s core values...

Excellence
ASHRAE education, technical information and all other activities and products will always reflect the best practices that lead our industry. We strive for continuous improvement and innovation in all our practices and products.

Commitment
ASHRAE and its members are passionate about serving the built environment, creating value, and recognizing the accomplishments of others.

Integrity
ASHRAE is committed to the highest ethical standards. We work transparently, observing essential requirements for due process and peer reviews to assure our members and stakeholders that we do the right things the right way.

Collaboration
ASHRAE seeks and embraces collaborative efforts with organizations, agencies, and individuals sharing our commitment to sustainable built environments.

Volunteerism
Members lead ASHRAE at every level, serving ASHRAE and helping ASHRAE serve society.

NOTE: Statements made in this publication are not the expressions of the Society or of the Tri-County chapter but may not be reproduced without special permission of the Tri-County chapter.
Looking for a unique marketing opportunity?
We’ve got a deal for you!
For only $50 (that’s right, only $50!) you and many more can see your business card appear on THIS PAGE of THIS PUBLICATION for the 2018-2019 Tri-County ASHRAE season!

Now that you’re interested, send a *.jpg version of your business card to ashraetricounty@gmail.com while sending a check for $50 made out to Tri-County ASHRAE.
We will let you know where to send the check when you send your business card file to us at the above e-mail address.
Our ASHRAE Tri-County leaders for the 2018-2019 season!

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The recent CRC for ASHRAE Region X took place on August 16-18, 2018 at the DoubleTree by Hilton Fresno Convention Center in California. The San Joaquin Valley Chapter (SJV) hosted this year’s event, welcoming members of Region X and local industry professionals for a weekend of Region & Chapter Business, Training, and fun. Below is a copy of the itinerary for those of you who were not able to attend or may be unfamiliar with what the CRC entails.

![Region X CRC 2018 Event Schedule](image)

2018 Region X Chapter Regional Conference (CRC)
A reminder of the fourteen chapters and one section, which make up our Region and banded together for this year's event:

<table>
<thead>
<tr>
<th>Chapter Region</th>
<th>City, State</th>
<th>Chapter #</th>
<th>Chartered Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Arizona</td>
<td>Phoenix, AZ</td>
<td>#086</td>
<td>1953</td>
</tr>
<tr>
<td>Redwood Empire</td>
<td>Napa, CA</td>
<td>#144</td>
<td>1988</td>
</tr>
<tr>
<td>Sierra Delta</td>
<td>Stockton, CA</td>
<td>#084</td>
<td>1994</td>
</tr>
<tr>
<td>Golden Gate</td>
<td>San Francisco, CA</td>
<td>#082</td>
<td>1937</td>
</tr>
<tr>
<td>Sacramento Valley</td>
<td>Sacramento, CA</td>
<td>#081</td>
<td>1952</td>
</tr>
<tr>
<td>Southern California</td>
<td>Los Angeles, CA</td>
<td>#084</td>
<td>1930</td>
</tr>
<tr>
<td>Hawaii</td>
<td>Honolulu, HI</td>
<td>#108</td>
<td>1969</td>
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<tr>
<td>San Diego</td>
<td>San Diego, CA</td>
<td>#085</td>
<td>1959</td>
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<tr>
<td>Southern Nevada</td>
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<td>#092</td>
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<tr>
<td>Northern Nevada</td>
<td>Reno, NV</td>
<td>#126</td>
<td>1975</td>
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<tr>
<td>San Joaquin</td>
<td>Fresno, CA</td>
<td>#083</td>
<td>1955</td>
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<tr>
<td>Tri County</td>
<td>Redlands, CA</td>
<td>#155</td>
<td>1988</td>
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<tr>
<td>Orange Empire</td>
<td>Anaheim, CA</td>
<td>#105</td>
<td>1968</td>
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<td>San Jose, CA</td>
<td>#101</td>
<td>1965</td>
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<tr>
<td>Tucson</td>
<td>Tucson, AZ</td>
<td>#087</td>
<td>1999</td>
</tr>
</tbody>
</table>
“A technical reference to VAV, CAV, VAD system concepts and general applications for various climate zones part I.” This presentation is brought to you by Thomas Podgurski, Group Director at Royal Service. The presentation includes several drawing samples to help illustrate the various system configurations and thought process involved for each, with discussion around control strategies and plenty of opportunity to dive into the technical details behind each of the system types listed below:

- VAV- Variable air volume
- CAV- Constant air volume Valves. Mechanical and electrical
- VAD- Variable air volume diffusers.

Meeting Preview

A sample of what’s to come in this month’s presentation (content borrowed from Royal Service):

AHU1 System

ASHRAE CO2 recommendation Set-point 600ppm less then OSA PPM.

19. IAQ Fresh Air Volume Control:
   CO2 Sensor+ Fresh Air/Return Air Volume Damper or exhaust fan Control
   CO2 required setting from ASHRAE is 600PPM less Outside PPM AVG
   CO2 overrides all other control demand Normal setting (500-1000PPM)
Net Zero 2018 Conference: Net Zero For All
Hosted by Verdical Group
September 12 - 14, 2018
Los Angeles, CA

Net Zero 2018 is the nation’s largest net zero building conference and the hub for thought-leaders and industry-shapers in the Energy, Water, Waste, and Transit sectors. Net Zero 2018 will bring 900+ green building pioneers from across the United States and around the world to Southern California to inspire, educate, and ultimately evolve our built environment into the net zero future that’s fast approaching. The three day event offers up to 19 CEUs for AIA, GBCI, and LFA credential holders, and includes 9 technical workshops provided by the most influential organizations in the industry, over 75+ world-class education sessions with case studies and seasoned speakers, an expo hall with 75+ exhibitor tables, and premium networking opportunities that include the Robin Hood Benefit Gala and an Evening Reception.

The International Living Future Institute (ILFI) and U.S. Green Building Council (USGBC) serve as the conference’s program partners and confirmed keynote speakers include Mahesh Ramanujam (President & CEO, USGBC) and Kevin Payne (CEO, Southern California Edison). This year, NZ18 is an official affiliate event of the Global Climate Action Summit and our focus is Net Zero For All; we’re reserving a pool of free, need-based tickets for disadvantaged communities, students, and others to ensure equity and diversity are a priority in the net zero conversation. Complimentary tours of our revolutionary net zero venue will be provided.
2018-2019 PARTIAL ROSTER

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Jim Toda
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Student Activities
Jim Toda
Custom Cooling Company — 909-599-9222

Research Promotion
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Dynamic Engineered Systems, Inc — 951-278-0282

Newsletter Editor
Ryan Rodriguez
Engie Services — 626-808-2072

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Everyone in Tri-County is responsible for building a better tomorrow!

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Historian
Jim Toda
Custom Cooling Company — 909-599-9222

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Young Engineers in ASHRAE (YEA)
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C E L E B R A T I N G P L U S 29 YEARS
1989-2018

TRI-COUNTY ASHRAE!