

Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigeration, and Air-Conditioning Engineers

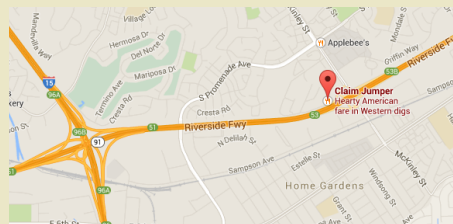
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MEETING INFORMATION

Date: February 20, 2018
Location: Claim Jumper Restaurant, Corona
Social Hour: 6:00-7:00
Dinner and Program: 7:00
Cost: \$45



We look forward to seeing you again at our next meeting. Claim Jumper Restaurant is located on 380 McKinley Street in Corona, near the 15 and 91 freeway interchange. Please e-mail Rich Morrow at ashraetricounty@gmail.com to reserve your spot for the upcoming meeting.

Claim Jumper Restaurant

ASHRAE'S CORE VALUES

As we continue our 2017-2018 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.

LOCAL BUSINESSES

PLEASE SUPPORT OUR
BUSINESS CARD
ADVERTISERS LOCATED
HERE AND ELSEWHERE IN
THIS PUBLICATION...

**MAKE AN INVESTMENT
IN OUR INDUSTRY'S
FUTURE!**

If you would like to place a
business card ad in Super
Heat for the 2017-2018
Tri-County ASHRAE season,
please contact

Richard Morrow via e-mail
at...

ashraetricounty@gmail.com

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 2017-2018 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.*

RICHARDMORROW

TCSH Editor

Our ASHRAE leaders for the 2017-2018 season!

Officers

President: Ian Villazana / ACCO

President Elect: Kakeru Fujikawa / Goss Engineering

Secretary: Felix Monterroso / Willdan Energy Solutions

Treasurer: Elyse Johnson / IMEG Corp.

Board Members

Board Member: Chris Robles / DMG

Board Member: Ryan Rodriguez / Opterra Energy Services

Board Member: Shaw Gentry / Goss Engineering Inc.



LAST MEETING

“Owner’s Perspective of MEP Consultants ”

Carl Newth is a licensed Professional Engineer and Certified Building Official with 30 years of experience in the design and construction in the built environment.

As the Campus Building Official he is responsible to oversee that design and construction projects meet or exceed the requirements of the Code and University of California requirements. This includes issuing permits and Certificates of Occupancy for building and infrastructure development.

As Director of Engineering his role includes responsibility for the planning, design and construction to implement High Performance building strategies in order to minimize campus energy use, utilities and building operating expenses.

Carl is a Graduate of the University of South Florida.



***Carl Newth, PE, LEED BD+C, CBO
Director of Engineering & Campus Building Official***

NEW MEETING

“Green Buildings: Help or Hype? ”

This workshop is designed to familiarize participants with the state-of-the-art in sustainable design, current issues and design tools, and likely future developments. This workshop includes a survey of sustainable design practice, including LEED certification process. This course is designed for architects, engineers, residential developers, and large institutional and commercial property owners interested in building a “green building”.

Hank Jackson, owner and principal of ETech Solutions, has provided technical training and consulting services in the energy efficiency marketplace since 1979. He holds a Bachelor of Aerospace Engineering (1974) and a Master of Science in Aerospace Engineering (1978), both from the Georgia Institute of Technology, Atlanta, Georgia. Originally registered in Georgia, Mr. Jackson's currently practices in North Carolina.

Mr. Jackson served as director of the Georgia Industrial Energy Extension Service program at the Georgia Institute of Technology prior to entering a private consulting practice. During a five year hiatus from consulting (1999 – 2005), he was department chair of Mechanical Engineering Technology at Asheville-Buncombe Technical Community College in Asheville, North Carolina.



NEW MEETING

“Green Buildings: Help or Hype? ”

Mr. Jackson specializes in energy management consulting and custom design of energy efficient mechanical systems for commercial, institutional, and industrial buildings. He has provided training for numerous public electric and natural gas utilities, including Georgia Power, Midwest Gas, Pacific Gas and Electric, Southern California Edison, and Niagara Mohawk Power. He has also traveled abroad to Jamaica and Central America to conduct energy audits and to provide technical training, including a lecture series in Spanish.

Mr. Jackson has been a member of ASHRAE since 1983. He co-authored “Infiltration heat gains through cold storage room doorways,” 1989 with W.A. Hendrix and D.R. Henderson, ASHRAE Transactions 95(2).



MONTHLY DINNER SCHEDULE

2017-2018 ASHRAE Monthly Dinner Schedule

Month	Date	Location	Address	Topic	Presenter / Title
October	10/17/2017	Claim Jumper	380 McKinley St. Corona, CA 92879	"How Good Leaders Become Great Leaders with Emotional Intelligence"	Karine LeBlanc / Sales Engineer, USACD
November	11/21/2017	Claim Jumper	380 McKinley St. Corona, CA 92879	"How UV-C Can Reduce HVAC Energy, Maintenance Costs, and Improve IAQ"	Mike McKinney / Western Regional Manager, UV Resources
December (Joint Meeting)	12/12/2017	Energy Resource Center	9240 Firestone Blvd. Downey, CA 90241	"Sustaining ASHRAE Through Leadership"	Ron Jarnagin / Principal Owner at RLK Technical Consultants, LLC
January	1/16/2018	Co Co Palm	1600 Fairplex Dr. Pomona, CA 91768	"Owner's Perspective of MEP Consultants"	Carl Newth / Campus Director of Engineering, UCLA
February	2/20/2018	Claim Jumper	380 McKinley St. Corona, CA 92879	"Green Buildings: Help or Hype?"	Hank Jackson / Owner, Etech Solutions
March	3/20/2018	Claim Jumper	380 McKinley St. Corona, CA 92879	"HVAC Hall of Shame: Examples of Poor Engineering Design and How to Avoid"	Mike Gallagher / Mechanical Service Engineer, Western Allied Corp.
April (Student Night)	4/17/2018	Cal Poly Pomona Kellogg West	3801 W Temple Ave. Pomona, CA 91768	Student Night- "Update on Variable Air Volume & Constant Air Volume Technology"	Tom Podgurski / Group Director, Royal Service
May	5/15/2018	TBD	TBD	TBD	TBD
June	6/19/2018	Wick's Brewery	11620 Sterling Avenue C. Riverside, CA 92503	Installation Dinner	-

JOB OPPORTUNITIES



Willdan Energy Solutions (WES) is a national leader in energy efficiency. WES's expertise covers building system retrofits, commissioning and retro-commissioning, demonstrations of new technologies, energy efficiency education/outreach, sustainability strategy and local government partnerships.

WES's business is growing and we currently have an opening for a senior level energy efficiency Project Development Engineer in our Anaheim, CA office. The candidate must be able to work in a collaborative environment with our engineering staff, program managers and sales team to develop energy savings solutions and implement efficiency projects for our customers. The candidate must be able to identify efficiency and operational solutions for customers, develop proposals, sell projects, and oversee design and construction. This is a technical leadership role that involves directing entry level engineers, with oversight by senior level engineers.

Requirements:

- Knowledge of mechanical equipment such as motors, pumps, and variable speed drives
- Knowledge of HVAC equipment and systems, such as chillers, cooling towers, air handlers, chilled and hot water loops, and boilers
- Knowledge of energy efficient lighting technology and lighting controls, such as LED, occupancy sensors, day-lighting, etc.
- BS in Mechanical Engineering or related field
- Professional Engineer's license preferred
- Min of 10 years' experience in energy efficiency, facility design/build, HVAC controls and/or performance contracting industry
- Computer proficiency, experience with Windows-based office applications required. Some travel required

If you are interested forward your resume to samoni@willdan.com Attention: Shafi Amoni. Willdan Energy Solutions, 2401 E Katella Ave #300, Anaheim, CA 92806



TTG Engineers is looking for a full-time energetic, organized, and driven Mechanical Engineer in Ontario, California .

TTG Engineers is a leading full-service design engineering firm offering exceptional Structural, Mechanical, Electrical, Plumbing, Fire Protection and Civil design engineering services.

Responsibilities include:

- Analysis, design skills, presenting technical information, equipment, quality and focus.
- Proficient in latest Energy Pro software and other HVAC system calculation software.
- Proficient in Auto CAD & REVIT 2012.
- Prepare Plan Check/OSHPD related documentation.
- Experience with Client Communication required.
- Generate project specific spec's & details
- Ability to work with minimal supervision
- Ability to take lead in multi-discipline coordination.
- Candidate will have excellent oral and written communication skills.
- Site Investigation and Inspection experience preferred.

Requirements

- 10+ years experience in HVAC systems design with institutional, commercial, educational, and healthcare projects.
- Bachelor's Degree in Mechanical Engineering
- California P.E. Professional Registration required
- Knowledge of LEED documentation

If you are interested forward your resume to tkuehl@ttgcorp.com, Attention: Tricia Kuehl. TTG Engineers, 901 Via Piemonte, Suite 400, Ontario, CA 91764

2017 PARTIAL ROSTER



Officers

President	Ian Villazana Willdan Energy Solutions — 714-278-8325
President-Elect	Kakeru Fujikawa Goss Engineering, Inc. — 714.310.8126
Secretary	Felix Monterroso Willdan Energy Solutions — 626.629.9658
Treasurer	Elyse Johnson IMEG Corp. —

Board of Governors

Chris Robles DMG — 562-692-1277
Shaw Gentry Goss Engineering, Inc. — 951-233-1827
Ryan Rodriguez Opterra Energy Services — 626.260.6623

Committee Chairs

Membership Promotion	Ryan Rodriguez Opterra Energy Services — 626-260-6623
Historian	Jim Toda Custom Cooling Company — 909.599.9222
Student Activities	Jim Toda Custom Cooling Company — 909.599.9222
Research Promotion	Joe Sanders Dynamic Engineered Systems, Inc — 951-278-0282
Membership Promotion Co-Chair	Erick Delgado Air Conditioning Specialties Co. — 626.840.9001
Newsletter Editor	Richard Morrow Goss Engineering Inc. — 909.725.2737
Home Page Webmaster / Technology Transfer	Felix Monterroso Willdan Energy Solutions — 626.629.9658



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

Tri-County SUPER HEAT

6040A Irwindale Avenue,
Irwindale, CA 91702

CELEBRATING PLUS 28 YEARS 1989-2017 TRI-COUNTY ASHRAE!

P A S T P R E S I D E N T S

1988-1989	SUKHDEVMATHAUDHU	2014-2015	RYANRODRIGUEZ
1989-1990	SUKHDEVMATHAUDHU	2015-2016	SHAW GENTRY
1990-1991	JEFFLEONARD	2016-2017	CHRISROBLES
1991-1992	DELTHOMAS		
1992-1993	TONYPIERCE		
1993-1994	GREGMORIN		
1994-1995	TONYHENKEL		
1995-1996	JOHNHAVILAND		
1996-1997	JOELCARTER		
1997-1998	CHANDRACHINDE		
1998-1999	JIMTODA		
1999-2000	RICHARDMCLEOD		
2000-2001	KERRYPARKER		
2001-2002	DEBRACHAVIRA-SMITH		
2002-2003	LUCASHYMAN		
2003-2004	JOESANDERS		
2004-2005	BOBGASTEL		
2005-2006	ARTANDRES		
2006-2007	JIMPARKER		
2007-2008	KYLELANDIS		
2008-2009	RICKCREED		
2009-2010	ROBERTMORSE		
2010-2011	TIMHALD		
2011-2012	JAIMELOPEZ		
2012-2013	ERICKDELGADO		
2013-2014	NICOLASROSNER		

— journal of the tri-county chapter of the —

American Society of Heating, Refrigerating, and Air Conditioning Engineers

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.