

# Tri-County Super Heat

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

## *in this issue*

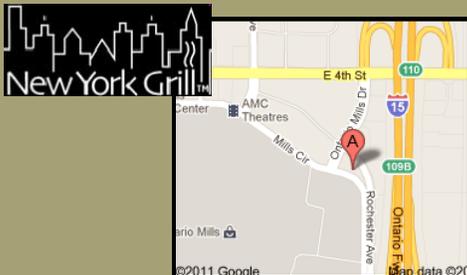
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## *President's message*

### *Meeting Location*

|                   |                               |
|-------------------|-------------------------------|
| Date:             | November 15, 2011             |
| Location:         | New York Grill<br>Ontario, CA |
| Board Meeting:    | 5:00                          |
| Social Hour:      | 6:00-7:00                     |
| Dinner & Program: | 7:00                          |
| Cost:             | \$35                          |



We look forward to seeing you again next meeting. New York Grill is located just outside of the Ontario Mills Mall just southwest of 4th Street and the 15 Freeway.

Please e-mail Adam at adam.stadnik@gmail.com to reserve your spot for the upcoming meeting.

New York Grill  
950 Ontario Mills Drive  
Ontario, CA 91764

### *Tri-County ASHRAE:*

With Veteran's Day upon us I want to take a moment to thank all of our veterans out there, especially any veterans that are part of our chapter. Thank you all for serving our country! This will also be our last Superheat before the Thanksgiving holiday so Happy Thanksgiving! I know we are all looking forward to turkey, football and a LONG weekend.

We had another successful meeting last month. We were privileged enough to have a distinguished lecturer, Peter Simmonds, stop by and entertain- I mean educate us on ASHRAE standard 55. Thank you to Peter for a fun and wonderful presentation. And for those of you who haven't heard, we also have a new website, [www.tcashrae.org](http://www.tcashrae.org). Our webmaster, Kyle Landis, has work hard and it is a great site. Stop by, click around and let us know what you think.

The past few months we have asked for volunteers to fill open positions in hopes of having new bodies help our chapter. For those of you on the cusp, ask yourselves, "What can Tri-County ASHRAE do for me?" There are many benefits that come with being involved in our chapter including: networking with industry colleagues, job opportunities, job postings...etc. Think about it!

If anyone out there has any topics that they find interesting or would like to know more about please let us know. We like to schedule speakers and topics that our chapter would like to hear about and, even though this year is pretty booked, it never hurts to start planning for next year. We hope to see you all next week!

**JAIMELOPEZ**  
President

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# Past *gatherings*



*scattered*



*pictures*

## Student *Activities*

There are many professionals in our industry who started their careers in HVAC as student members of Tri-County ASHRAE. We should commend these former student members, for offered them. Some of these individuals are currently Stadnik, and our Webmaster, Kyle Landis, are two that

Saman Halabian, former Cal Poly Pomona Saman was hired at Syska Hennessy Group, in Culver provides high performance engineering, consulting, environment.

Saman was recruited by the Student Branch When the Student Branch officers were chosen, Saman to Vice President.

Saman joined a group of students, who en-year. The Design Competition also served as Saman's Competition, Saman gained valuable experience in with some of his group members, to the Tri-County Saman interviewed with Syska Hennessy over the advised Saman that they were in need of someone who could perform Trace load calculations, and at the end of his internship, Saman was offered a full time position.



last year to become an ASHRAE student member. volunteered to serve as Secretary. He later moved up

Student Branch member, should also be commended. City, on September 1, 2011. Syska Hennessy Group and commissioning solutions for the built

last year to become an ASHRAE student member. volunteered to serve as Secretary. He later moved up

tered the ASHRAE Student Design Competition last Senior Project. While participating in the Design Trace load calculations. He also presented the design chapter at our annual Student Night meeting.

summer, and was awarded an internship. Syska

**JIMTODA**  
ASHRAE Student Branch Advisor



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# Coming attractions

What's in store for you for the next few months at Tri-County ASHRAE?

## Check it out!

### december

YOUR ELECTRIC UTILITY IS HERE TO HELP YOU WITH ENERGY EFFICIENCY, DEMAND RESPONSE, AND DISTRIBUTED GENERATION

### january

USE OF PRESSURE INDEPENDENT CONTROL VALES (PICV) IN MECHANICAL SYSTEMS

### february

STATE OF THE ECONOMY IN THE INLAND EMPIRE

## Up for next month...

**YOUR ELECTRIC UTILITY IS HERE TO HELP YOU WITH ENERGY EFFICIENCY, DEMAND RESPONSE, AND DISTRIBUTED GENERATION**

### Summary:

The California Public Utilities Commission (CPUC) wants utility customers to save energy in innovative ways. Its good for your bill, its good for the grid, its good for the planet. In fact, the CPUC is offering financial incentives to utility customers who make improvements to their buildings and building infrastructures that lead to the building operating in a more efficient state.

But the CPUC needs help with responsibly awarding these incentives. To help them out, the commission has charge the investor owned utilities with administering the myriad programs and offerings that are available to help customers make their dollars go further.

### Speakers: Adam Stadnik and Dave Holly

Adam and Dave are engineers in the Business Customer Division of Southern California Edison. Both are very familiar with the energy efficiency, demand response, and Savings by Design programs offered by the CPUC. They are looking forward to teaching you about the incentives that you and your customers could be ready and waiting for.

## upcoming events

Don't miss out on the exciting events coming up in the meetings to come!

Bring a buddy and enjoy the time with your friends and colleagues, and network within your industry!

# Meeting preview



## Indirect Fired Heating and New Technology

### Summary:

In this presentation, we will focus on indirect fired heating as a whole when it relates to the tempered make-up air market and new high efficiency solutions that exist for optimizing energy savings and equipment payback.



Many innovations have been introduced to the indirect fired market in recent years, most important being constant efficiency throughout the entire firing range. This is critical since most of the time during the heating season, the unit is operating in the low- to mid-fire portion of the modulating range. Since a typical indirect fired heater's efficiency degrades as it moves away from high-fire mode (i.e. on milder days), it is no longer operating efficiently with regard to energy consumption.



### Speaker: Ricky Puri

Ricky Puri is currently Regional Development Manager with Rupp Air Management Systems and works extensively with tempered make-up air applications. Ricky holds a Bachelor's of Science Degree in Mechanical Engineering from the University of Minnesota. He is an active member of the local ASHRAE chapter.

# *Within the industry*

## **ASHRAE Winter Conference is Coming to a Chicago Near You!**

Each year, the ASHRAE Conference gives you a ring-side seat to the latest technological developments, educational offerings and networking opportunities. Chicago has been the site for some of ASHRAE's best-attended Conferences so be sure to attend and participate in the full schedule of events. The Conference takes place Jan. 21–25, Palmer House Hilton.

Along with a strong Technical Program, an installation, operation and maintenance “mini-conference” is planned. The mini-conference is being held in addition to numerous technical tracks, some of which focus on HVAC&R systems and equipment, energy efficiency and energy modeling application, to name just a few. Nearly the entire technical program is approved for NY PDHs, AIA LUs and LEED® AP credits.

Of course, you don't want to miss the ASHRAE co-sponsored AHR Expo, which allows you to see, touch and compare the newest products representing the most innovative technology in the HVAC&R marketplace. In addition to exhibitors from around the world, the Show features special product sections, including the Building Automation and Control Showcase and the Software Center, as well as the New Product Technology Theater where you will find dozens of presentations of the latest products and solutions from participating exhibitors. The Expo takes place Jan. 23–25 at McCormick Place.

Over 1,700 companies have reserved more than 414,500 square feet of exhibit space, making the 2012 Expo the largest HVAC&R exposition of all time. Last year, the AHR Expo held in Las Vegas set new attendance records, becoming the largest show ever held outside of Chicago and New York. We hope to see that enthusiasm and interest at this year's Expo.

You can find banners and ads for your chapter websites and newsletters to use in promoting the Conference and the Expo by [clicking here](#), including free VIP passes to the Expo. To encourage attendance at the Conference, first-time conference attendees receive a discounted \$320 member rate for the entire conference. Registration information can be found at [www.ashrae.org/chicago](http://www.ashrae.org/chicago).

Finally, please help us promote the ASHRAE Conference and AHR Expo to those outside of the ASHRAE family. A good way to do this is to distribute complimentary passes. Please [click here](#) to use the resources and obtain additional passes.

The financial support provided by the AHR Expo helps fund vital research and other member programs. We all will benefit from a strong turnout in Chicago. Your contribution to that success will be sincerely appreciated. If there is anything else Headquarters can do to support your promotional program, please be sure to let us know. Thank you!



# Remembering *Lynn Bellenger*

## **ASHRAE Presidential Member Bellenger Remembered**

ATLANTA— Immediate past ASHRAE President Lynn G. Bellenger, who served as the first woman president in the Society’s 116 year history, passed away Wednesday, Oct. 19. She was president for the 2010-11 Society year, with her term ending in June 2011.

Bellenger, P.E., Fellow ASHRAE, was a recognized expert in energy management, with a strong focus on the need for energy modeling to help create and refine more efficient buildings. She was a partner, Pathfinder Engineers & Architects, Rochester, N.Y.

“We at ASHRAE are greatly saddened by the death of our former president and our friend,” Ron Jarnagin, ASHRAE president, said. “Her lifelong passion for engineering excellence resonated within our membership and our industry, inspiring us through her belief that engineers will lead an energy revolution with innovation. Through her service, she showed that there is a path available to all who wish to extend the influence of engineering principles to better serve the world we live in.”

As ASHRAE president, Bellenger focused on Modeling a Sustainable World, sharing her thoughts about the role of modeling tools and how all involved in the built environment industry must come together to take advantage of “the rich opportunities for optimizing building performance through a collaborative approach from the beginning.”

In an interview last year, Bellenger talked about her involvement in energy efficiency and how much has been put in recent years on the need to save energy.

“One of the cool things about the sustainability movement is that it has ignited a passion in people that is changing the world. That passion has brought a sense of energy and excitement to the industry and attracted people who are committed to designing and operating sustainable buildings. I don’t see that changing in the future,” she said.

Bellenger was a recipient of an ASHRAE Exceptional Service Award, a Distinguished Service Award, two first-place ASHRAE Technology Awards and the Lincoln Bouillon Membership Award.

She received a Bachelor of Science in mathematics from Principia College and a Master of Science in environmental science from Rutgers University.

*Lynn will be missed.*

# 2011-2012 partial roster

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## Tri-County Super Heat

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*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.