

# Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter



## MEETING INFORMATION

**TUESDAY, DECEMBER 12, 2017**

### GAS COMPANY

### ENERGY RESOURCE CENTER (ERC)

9240 Firestone Blvd

Downey, CA 90241

(see map on page 5)

Social Hour .....5:00 p.m.

Announcements & Dinner Service ..6:40 p.m.

Main Program .....7:00 p.m.

Raffle and Adjourn.....8:45 p.m.

**PLEASE E-MAIL (PREFERRED),  
OR CALL WITH YOUR  
RESERVATIONS TO:**

David Yancosky, CxA

c/o P2S Commissioning

[david.yancosky@p2scx.com](mailto:david.yancosky@p2scx.com)

Direct: (562) 497-4567

Office: (562) 497-2999

### PRICE SCHEDULE

Member 48 Hours BEFORE Event ..... \$60

Member within 48 Hours of Event ..... \$65

Non-Member 48 Hours BEFORE Event . \$65

Non-Member within 48 Hours of Event .. \$70

Student .....\$30

### NO PAY AT THE DOOR

[CLICK HERE TO REGISTER ONLINE](#)

**IF CANCELLATION IS NOT  
RECEIVED YOU WILL BE BILLED  
FOR THE SESSION**

SEE PAGE 5 FOR FAX ORDER FORM

### DINNER PROGRAM

*"Sustaining ASHRAE Through  
Leadership"* by Ron Jarnagin

### NO TECHNICAL SESSION

### Orange Spiel Editor

Robert Hagstrom, P.E., LEED AP

c/o Southern California Edison

6090-B N. Irwindale Avenue

Irwindale, CA 91702

Phone (626) 633-3432

PAX 43432 | Cell (626) 609-9791

[Robert.Hagstrom@sce.com](mailto:Robert.Hagstrom@sce.com)





## DECEMBER MEETING NOTICE

### JOINT MEETING WITH THE SOUTHERN CALIFORNIA CHAPTER

#### TUESDAY, DECEMBER 12, 2017

#### Sustaining ASHRAE Through Leadership

Please plan on getting together with SoCal chapter at the Holiday Get-Together. ASHRAE President Mr. Bjarne Olesen will be on-board along with Distinguished Lecturer Ron Jarnagin who will present Sustaining ASHRAE Through Leadership and also as Region IX director and regional chair.

#### RAFFLE PRIZES (TICKETS SOLD AT THE DOOR)

49" LG 4k smart TV • Clippers/Kings 4 pack and parking • Amazon echo • Lots of other prizes!

### KEN'S BLOG

Hello Orange Empire!

I don't know about anyone else, but this year is screaming by for me. I know this because I've already had to miss two ASHRAE meetings due to work commitments. I'm really looking forward to our December Tri-Chapter meeting at the SoCal Gas Energy Resource Center. I hope to see you all there.

Yes...the year is slipping away, and we find ourselves fast approaching the holiday season. As I mature in the industry I truly look forward to this time of year, as it does seem to slow down (for at least a week!) and allows us to reflect on the past calendar year. I'm very proud of our chapter, as I believe we've done a good job of increasing our influence in our region. We continue to work with and support our student chapter, find different means of supporting Research Promotion, and endeavor to engage those at our individual workplaces who remain less active in the chapter.



As I consider what we've done this year, I ask myself what I personally can do differently next year. My plan is to engage more at the K-12 level. I have a young son who enjoys all manner of science, and with that in mind I've offered to engage with his school to further excite his classmates about STEM learning. I may not talk about the ideal kw/ton value for a highly efficient chiller system (pumps included!), but simply showing young students how you can have fun with engineering practices can ignite their passion, and help them understand that science and math can be applied, not just theoretical.

If you're interested in giving back to the community look around, ask friends and family... there is a way you can share your passion for our industry, whatever that passion is. In our workplace one of our younger engineers-in-training shared with me the Troy HS (Fullerton) robotics team goals. This HS team embraces any student who shows interest, and builds the fundamentals of

STEM through active participation in a competition. You can learn more on their webpage: [www.team3952.org](http://www.team3952.org).

This is just one example of how you can give back to the community you live in, or the community/school/organization that supported you through your engineering journey. I hope you at least consider what you might be able to do this year...and if this isn't the year then perhaps next year. We'd be ecstatic if you participated with our ASHRAE chapter, or on behalf of ASHRAE at one of the many deserving organizations in our area.

Based on my personal experience I'd suggest you find a way to engage somewhere, somehow, as soon as possible. The small bit of time or money that you donate will help these organizations exponentially more than the time or financial cost to you, and the feeling of accomplishment is worth more than anything that you can give.

Enjoy your December...if I don't see you at the December meeting, I look forward to saying hello in 2018 at our refrigeration themed January event.

Cheers! **Ken Golovko** 



## SO LONG DICK MORLEY

The automation and control industry is saddened by the loss of Dick Morley, the “father” of the programmable controller (PLC) and founder of Modicon, the first company to manufacture them. There are few people that come to be known for founding entire industries, but Dick was one of those people. At just 34 years old, he recognized and turned a problem [the difficulty of applying 1960’s era minicomputers for manufacturing logic tasks] into a focused industry that ushered in a changed world. Dick’s contribution to the control business is indelible, spawning a digital control revolution in our HVAC industry too. So long, Mr. Morley, and thank you for being a true pioneer.



**Date:** 25 October 2017  
**Time:** 4:30 - 5:35 PM  
**Place:** Holiday Inn  
 2726 S Grand Ave  
 Santa Ana, CA 92705

### MEETING ATTENDEES

Ben Chesser (BC)  
 Jeff Conrad (JC)  
 Charlotte Dean (CD)  
 Eric Decker (ED)  
 Greg Glover (GG)  
 Craig Hofferber (CH)  
 Robert Hagstrom (RH)  
 Jeff Hanzel (JH)  
 David Lawson (DL)  
 Margaret Peterson (MP)  
 Steve Rawski (SR)  
 Matt Waller (MW)

### CALL TO ORDER

1. Meeting called to order at 4:37 PM
2. Quorum Determination (Minimum 5 Voting Members)
3. Introductions
4. Announcements
5. Next Meeting Date: 28 November 2017

### DISCUSSION ITEMS

1. Refer to Appended Chapter Meeting Agenda.
2. Voting on OE September Meeting Minutes.
  - a. Meeting Minutes to be approved via email after meeting.
3. Announcements
  - a. Involvement is one of our Chapter Goals this year. We would like to invite you to volunteer for open chair / volunteer positions. Please contact Ken Golovko for more information.
4. Programs
  - a. January Meeting planned for 1/16 instead of 1/23 shown on attached agenda.
  - b. March meeting with San Diego in on 3/13.
  - c. Possibly a Tuesday Night Installation Dinner in May at Phoenix Club.
5. Officer & Committee
  - a. RH to update List of Chairs on Web Content per list found in attached agenda.
  - b. List of Chairs is in the process of being updated. We need volunteers to fill chair positions.
6. Electronic Communications / Webmaster
  - a. Motion for Transfer of ownership for OEASHRAE.org to be approved via email.
7. Budget
  - a. Discussed Golf Tournament - This year was a good year! Looking into funding student scholarships and wise places to allocate the profits.
  - b. This year more people bought the season pass.
8. Student Activities
  - a. Planning to do a holiday happy hour in early December.
  - b. Get / Create brochures about ASHRAE OE to handout at YEA events
    - i) Material is available on the Chapter Website.
  - c. Student branch is having difficulty with banking options.
    - i) Solutions
      - (1) Have ASHRAE pay for Student Events
      - (2) Give gift card to club
  - d. Offer travel voucher to ASHRAE Conference for students instead of Scholarships.

- End of Minutes -  
**Ben Chesser** 

# ASHRAE HVAC Design Training LAS VEGAS



**Level I & II Training Offered – Register for Both and Save**

## HVAC Design: Level I – Essentials

**When:** February 5 – 7, 2018 | Las Vegas, NV | **Cost:** \$1,264 (ASHRAE Member: \$1,009)

ASHRAE's HVAC Design: Level I – Essentials provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

**BONUS!** Get a FREE copy of the [Duct Size Calculator \(I-P & SI\)](#).

## HVAC Design: Level II – Applications

**When:** February 8 – 9, 2018 | Las Vegas, NV | **Cost:** \$854 (ASHRAE Member: \$699)

ASHRAE's HVAC Design: Level II – Applications provides instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. In two days, gain an in-depth look into Standards 55, 62.1, 90.1, 189.1 and the Advanced Energy Design Guides. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability/Green/LEED/HPB/NZEB
- Standard 55
- Standard 62.1
- Building Systems: Education Facility
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals
- Life Cycle Cost
- Building Systems: Multi-story Office Building
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Water-to-Water GSHP Option 2 UFAD

**BONUS!** Get a FREE copy of [ASHRAE GreenGuide: Design, Construction, and Operation of Sustainable Buildings, 4th. ed. A \\$100 Value!](#)

**Company Discount:** Enroll 3 or more participants from the same company at the same time and SAVE!

**CLICK HERE TO REGISTER NOW**

**Register for BOTH training sessions to save money and fast track your experience level!**

**CHAPTER OFFICERS**

President ..... Kenneth Golovko  
 President-Elect..... Derrick Wyka  
 Vice President..... Greg Glover  
 Treasurer..... David Lawson  
 Secretary ..... Ben Chesser

**BOARD OF GOVERNORS**

Jeff Conrad      Stephen J. Rawski, P.E.  
 Eric Decker      John Sawyer  
 Craig F. Hofferber      Matthew Waller, P.E.

**CRC DELEGATE      CRC ALTERNATE**

Kenneth Golovko      Greg Glover

**ASHRAE  
 ORANGE EMPIRE CHAPTER**

**2017-2018  
 PARTIAL ROSTER**

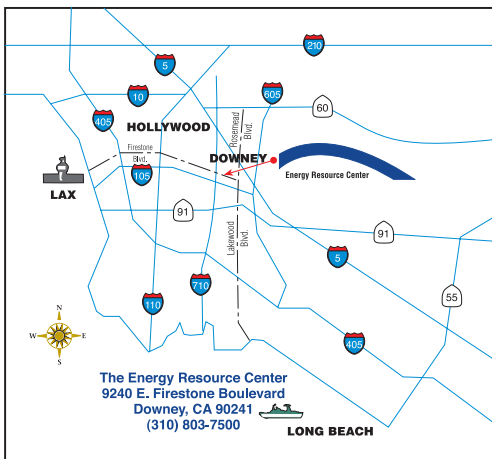
**SPIEL DEADLINE**  
**The January deadline**  
**for articles or ads is**  
**FRIDAY,**  
**DECEMBER 29, 2017**

**COMMITTEES AND CHAIRPERSONS**

Attendance.....TBD  
 Communications/Webmaster.... David Yancosky  
 Grassroots Gov't Advocacy.....Eric Decker  
 Golf Tournament..Dan Davitt/Michael Garabedian  
 Historian..... Craig F. Hofferber  
 Membership Promotion ..... Jeff Hanzel  
 Newsletter Editor.....Robert Hagstrom  
 Programs/Chapter Tech Transfer ....Greg Glover  
 Refrigeration.....Jeff Conrad  
 Research Promotion.....John Sawyer  
 Student Activities..... Margaret Peterson  
 Table Top Displays.....Greg Glover  
 YEA Chair.....Charlotte Dean



**December 12, 2017  
 Meeting Location Map**



**SPECIAL  
 TUSCAN HOLIDAY DINNER**

**CHICKEN ROTOLO BOLZANO**  
 AND  
**CHEESE TORTELLINI WITH CREAMY PESTO**

Roasted Italian Zucchini, Sliced Tomatoes with Buffalo Mozzarella, Caesar Salad (Romaine Lettuce tossed in our homemade Creamy Caesar Dressing with Herbed Croutons and Shredded Parmesan Cheese), Field Greens Salad with Balsamic Vinaigrette, Assorted Dinner Rolls and Butter

Assorted Cheesecakes Bites (Assortment of Original Plain, Oreo, Strawberry, Lemon, Blueberry, Raspberry, Chocolate Chip, Coffee & Toffee) Mini Cream Puffs Topped with Dark Chocolate Assorted Dessert Bites (Assortment of Cheesecake, Fruit, Lemon & Brownie Bites)

**PLEASE RSVP FOR THE DECEMBER 12 MEETING**

**by Thursday, December 7, 2017 end of day - NO PAY AT THE DOOR**  
*(non-cancellations will be billed)*

**David Yancosky c/o P2S Commissioning**

**Direct: (562) 497-4567 • Office: (562) 497-2999 • E-mail: [david.yancosky@p2scx.com](mailto:david.yancosky@p2scx.com)**

Member 48 Hours BEFORE Event:  \$60 | Member within 48 Hours of Event:  \$65

Non-Member 48 Hours BEFORE Event:  \$65 | Non-Member within 48 Hours of Event:  \$70

Student:  \$30

Name(s): \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Company: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

To be removed from our e-mail list, please notify Chris Tindall at (949) 296-3136 or email [ctindall@mcparlane.com](mailto:ctindall@mcparlane.com) or Steve Rawski at e-mail [srawski@semprautilities.com](mailto:srawski@semprautilities.com).

**PLEASE DO NOT CONTACT THE RESERVATION LINE TO REMOVE YOUR FAX NUMBER FROM OUR LIST**

## ORANGE EMPIRE CHAPTER

### WINTER/SPRING 2017/18 SCHEDULE

#### MEETING LOCATION:

#### GAS COMPANY ENERGY RESOURCE CENTER (ERC)

9240 Firestone Blvd  
Downey, CA 90241

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#### SEPTEMBER 26, 2017

*Dinner: Title 24 Commissioning*  
*Theme: Membership Appreciation*  
*Place: Holiday Inn, Santa Ana*

#### OCTOBER 25, 2017

*Dinner: Dynamics of Riser Design in Skyscrapers*  
*Theme: Joint Meeting with ASPE*  
*Place: Holiday Inn, Santa Ana*

#### NOVEMBER 14, 2017

*Dinner: Energy – Design and M&V*  
*Theme: Energy Night*  
*Place: Holiday Inn, Santa Ana*

#### DECEMBER 12, 2017

*Dinner: Sustaining ASHRAE Through Leadership*  
*Theme: Joint Meeting with So. California and Tri-County Chapters*  
*Place: Gas Company Energy Resource Center, Downey*

#### JANUARY 16, 2018

*Dinner: Refrigerants Update*  
*Theme: Refrigeration and Membership Night*  
*Place: JT Schmid's Restaurant, Anaheim*

#### FEBRUARY 27, 2018

*Dinner: Design and System Considerations for Boilers*  
*Theme: Research and Past Presidents Night*  
*Place: Holiday Inn, Santa Ana*

#### MARCH 13, 2018

*Dinner: TBD*  
*Theme: Joint Meeting with San Diego Chapter*  
*Place: Bagby Beer Company, Oceanside*

#### APRIL 24, 2018

*Dinner: Modular Chilled Water Systems*  
*Theme: Student Night*  
*Place: TBD*

#### MAY 29, 2018

*Dinner: 2018-2019 Installation Night Dinner*  
*Theme: Officer and Board Installation*  
*Place: TBD*



# Orange Spiel

ASHRAE Orange Empire  
Chapter  
[www.oeashrae.org](http://www.oeashrae.org)

## MEETING SUMMARY

**TUESDAY,  
DECEMBER 12, 2017**

**GAS COMPANY  
ENERGY RESOURCE  
CENTER (ERC)**

9240 Firestone Blvd  
Downey, CA 90241

#### DINNER PROGRAM

*"Sustaining ASHRAE  
Through Leadership"* by  
Ron Jarnagin

**NO TECHNICAL SESSION**

Orange Empire ASHRAE  
P.O. Box 15603  
Santa Ana, CA 92735