

The Grapevine

September 2021

Redwood Empire ASHRAE Section Newsletter



Joint Meeting with RECSI

The Redwood Empire ASHRAE section is hosting our first in-person meeting on Thursday September 9th with RECSI. We will hear from Stet Sanborn about electrification and decarbonization. Please join us at Charlie's Grill in Windsor CA.

Mark your calendars, the annual REASHRAE golf tournament is on for November 5th!

Inside:

Upcoming Meeting	Pg. 2
President's Message	Pg. 3
Golf Tourney Info	Pg. 4
ASHRAE Membership	Pg. 6



National ASHRAE has released recommendations for best practices for back to school COVID-19 procedures:
[ASHRAE Epidemic Task Force Reopening Guide for Schools](https://www.ashrae.org/covid19)
www.ashrae.org/covid19

Electrification and De-Carbonization in HVAC Building Design

September 9th, 2021

Charlie's Grill
1390 19th Hole Drive
Windsor, CA
5:30-8:30

Stet is a designer with a background in both engineering and architecture and serves as the Engineering Discipline Leader in SmithGroup's SF office. He specializes in Net Zero Energy and Net Zero Carbon design. He is a leading voice in the statewide de-carbonization efforts and building electrification; recently supporting the City of Berkeley's Natural Gas ban ordinance community outreach workshops.

Stet leads efforts to incorporate high performance building enclosures, passive design strategies and advanced HVAC systems into a wide range of building types in pursuit of rapid de-carbonization. He will be speaking about building level de-carbonization and local bay area initiatives that will impact all of California.

Meeting Schedule:

5:30 PM Registration and Social Hour
6:30 PM Dinner, Introductions
7:00 PM Main Program

Cost:

Preregistration (before Sept. 2)

\$35 online (members)
\$45 online (non-members)

After Sept. 2

\$40 online (members)
\$50 online (non-members)

Invite link:

<https://www.brownpapertickets.com/event/5217343>



Stet Sanborn
Smith Group

Stet earned a Bachelor of Science degree in Mechanical Engineering from Kettering University and a Master of Architecture from the University of California, Berkeley. He frequently returns to Berkeley to serve as a guest faculty member in the Department of Architecture and frequently serves as a member of Technical Advisory Committees for the California Energy Commission EPIC grant research projects focused on Net Zero Energy multifamily design. Stet is currently a co-author of the upcoming ASHRAE Advanced Energy Design Guide for Zero Energy multi-family buildings, and has also served as an Adjunct Professor of Architecture at the California College of the Arts, teaching courses in building systems, sustainable design, and integrated building design.

President's Message Fall 2021

Greetings!

I hope you are all doing well and staying safe. I am very excited to continue as your REASHRAE president for this year! Last year was a tough year for us – no in person meetings and no golf tournament. But we made the most of it with all the great virtual meetings last year. I am so excited to be able to start transitioning back to in person meetings this year. The Delta variant still looms large, but I think as long as we coordinate our meetings in a safe manner, we will be able to meet in person.

For example, our upcoming joint meeting with CSI on Thursday September 9th will be hosted outside on the patio at Charlies Restaurant in Windsor. I hope the majority of you feel like this is a safe environment to host our upcoming meeting. And I hope to see many familiar faces attending this meeting in person! Stet Sanborn will be our speaker, and his topic will cover electrification and decarbonization. With the CEC recently approving the 2022 code, there are quite a few updates that many of you will find interesting and informative.

Speaking of in person events, our golf tournament is coming up fast! We are now scheduled to host the REASHRAE golf tournament on Friday November 5th. It will be hosted for the first time at Rooster Run golf course in Petaluma with a noon shotgun start and post round banquet in the club house afterwards with some good food and a big raffle!

After that, the rest of our year includes our December meeting at Napa Elks, March joint



Harrison Nichols
REASHRAE
President 2020-2021

meeting with Golden Gate ASHRAE, and then a Summer Social event! We are in line for a very fun year.

With all that said, the biggest goal I have for this year is to increase our member engagement and bring in some new faces. We've all had more than enough time spent in our own houses and home offices last year. It's about time we get back out into the world and see some friendly faces!

If you are reading this and you have some new hires at your company or anyone else you think would gain something from being involved with ASHRAE, please please please encourage them to come out to REASHRAE events. It's a great way to network with their fellow North Bay colleagues and connect with like minded professionals. It's a small-time commitment for such a rewarding experience! I hope to see many new and familiar faces this year.

Thanks for all the hard work and support last year. From all of us on the board we wish you a happy and healthy 2021 & 2022. Let's make it a great year!

Sincerely,

Harrison Nichols
REASHRAE President



**Redwood Empire
ASHRAE
22nd Annual Golf Tournament
Rooster Run Golf Club
Friday, November 5th, 2021**



- Location:** Rooster Run Golf Club
2301 East Washington St, Petaluma, CA 94954 / 707-778-1211
- Time:** Sign-in 10:30 AM
Lunch 10:30 AM - 11:30 AM
Tee-off 12:00 PM (Shotgun Start)
- Format:** Best Ball Four Person Scramble Format Tournament
- Entry Fee:** \$225 per person includes: green fees, cart, range balls, box lunch, post tournament buffet dinner and prizes (door prizes, raffle prizes, hole prizes)
For "Dinner Only" contact Adrian Giovenco at 415-418-0197 or adrian@inspire.ag
- Dress Code:** Collared shirt, no denim or jeans, soft spikes only

Golf Entry Form

Name: _____ Company: _____

Address: _____

City: _____ State: _____ Zip: _____

E-mail Address: _____ Phone: _____

Foursome Names:

Name: _____ (Captain) Name: _____

Name: _____ Name: _____

Event Contributions / Donations:

Hole Sponsorship(s) – \$225 EACH (you can sponsor more than one)
Includes: High quality full-color print framed 11"x17" poster with company name and logo (send logo with sponsorship)

Will Bring Raffle Prize Item(s) to Donate Item(s) _____

To sign up, please return this form by email or mail on or before October 8, 2021 to:

Adrian Giovenco
701 Dwight Way
Berkeley, CA 94710

Phone (415) 418-0197
Email adrian@inspire.ag

May 19th 2022
Refrigeration Site Visit



Upcoming Event: CO₂ Chiller and Thermal Energy Storage

Modernize Existing Glycol Process Chillers Plant

*CO₂ Chiller rack w/pumping system and Thermal Energy Ice Storage w/Heat Recovery
 160 Chiller with 600 Ton-hr of Thermal Ice storage producing 33 Deg F process cooling fluid*

MAJOR EQUIPMENT

- Adiabatic Gas Coolers
- CO₂ Chiller w/ Heat Reclaim
- Thermal Energy Ice Storage Tank
- Custom Pump Skid
- Braze Plate Heat Exchangers

Heat Reclaim 1,800, MBH
 110 Deg F pre-heating
 boiler feed water



Mark your calendars for a tour of the chiller and energy storage facilities at Amy's Kitchen. More information coming soon!

Location:
 Amy's Kitchen, Santa Rosa

Schedule:
 Afternoon, time TBD
 Possible post-tour Happy Hour at Russian River Brewing

Tickets:
 TBD

Please register:
 TBD

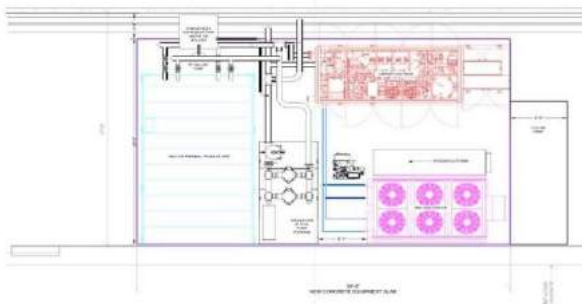
Modernize Existing Glycol Process Chillers Plant

*CO₂ Chiller rack w/pumping system and Thermal Energy Ice Storage w/Heat Recovery
 160 Chiller with 600 Ton-hr of Thermal Ice storage producing 33 Deg F process cooling fluid*



Modernize Existing Glycol Process Chillers Plant

*CO₂ Chiller rack w/pumping system and Thermal Energy Ice Storage w/Heat Recovery
 160 Chiller with 600 Ton-hr of Thermal Ice storage producing 33 Deg F process cooling fluid*



Modernize Existing Glycol Process Chillers Plant

*CO₂ Chiller rack w/pumping system and Thermal Energy Ice Storage w/Heat Recovery
 160 Chiller with 600 Ton-hr of Thermal Ice storage producing 33 Deg F process cooling fluid*



ASHRAE

NOT A NATIONAL ASHRAE MEMBER? JOIN US!



By Mike Scofield, Membership Chair for Redwood Empire ASHRAE Section

Your membership in ASHRAE puts you in touch with over 53,000 members in over 170 Chapters worldwide. This group includes Consulting Engineers, Mechanical Contractors, Building Owners, Manufacturing Companies, Educational Institutions, Research Organizations, Architects, Government officials, and all concerned with HVAC&R for the Built Environment.

Join online at <http://www.ashrae.org/join>

LEVELS OF MEMBERSHIP ARE AS FOLLOWS:

- **ASHRAE Member (\$206)** is available for anyone with 12 years or more ASHRAE approved experience in the HVAC&R Industry.
- **Associate Member (\$206)** is available for anyone with less than 12 years of experience in the HVAC&R Industry.
- **Affiliate Member* (\$52 first year, \$78 second year and \$103 third year)** is available for first time members under the age of 30 years. This is an excellent way for the young Design Professional to become involved with ASHRAE at a lower cost. *This membership does not include the ASHRAE Handbook.

Questions: Contact membership@ashrae.org

Don't forget to select your local **Golden Gate Chapter** when you join National Society! (\$60)

Your ASHRAE membership includes:

- ASHRAE Handbook the year you join and each year you remain a member.
- Monthly *ASHRAE Journal* magazine.
- Discounts on attending ASHRAE annual EXPO and Technical Meetings.
- Discounts on over 300 of the HVAC&R Industry Technical Publications.
- Discounts for Continuing Education Courses through the ASHRAE Learning Institute.

Join the Redwood Empire ASHRAE Section

I'll Join RE-ASHRAE for 2021-2022

Send your check of \$25 to P.O. Box 5665, Santa Rosa, CA. 95402 or bring your check to the next REASHRAE meeting. Make checks payable to Redwood Empire ASHRAE. Thanks!

Name: _____
 Company: _____
 Company Address: _____
 City, State, Zip: _____
 Email: _____
 Work Phone: _____ Work Fax: _____
 Home Phone: _____

Please use the following address for ASHRAE correspondence (if different than above):

Address: _____
 City, Zip: _____

Currently I am a member of:

- ASHRAE National Society Member
- ASHRAE Golden Gate Chapter
- ASHRAE _____ Chapter

The Grapevine

Is published quarterly by the Redwood Empire Section of the Golden Gate Chapter of ASHRAE. We encourage submissions from members and non-members alike that might be of interest to our readers. Items for publication should be submitted directly to the Editor and President via email.

If you have questions or comments about the Grapevine, please contact the Editor:
William H. Martin III
wmartin@norman-wright.com

The Grapevine

Editor
Graphic Design

William H. Martin III
Nicole M. Travis

REASHRAE Board, 2021-2022

President	Harrison Nichols
Treasurer	Geoff DuBois
Secretary	Logan McGowan
Past President	Harrison Nichols
Director	Mike Scofield
Golf Tournament Committee:	

Gary Harbison
Adrian Giovenco

Board of Governors:

William H. Martin III
Michelle Whitsitt
Maya Salabasheva

Please visit our website at
www.reashrae.org

*The mention of any business, product or service in this newsletter does not imply endorsement by ASHRAE.

Events Calendar

Sept. 9, 2021 – RECSI Fall Joint Meeting

Nov. 5, 2021 – REASHRAE Annual Golf Tournament

TBD 2021 – Refrigeration Site Visit, Joint Event with GG ASHRAE

Jan. 31- Feb. 2, 2022 – AHR Conference
<https://www.ahrexpo.com/>

Send us your ASHRAE-related events!



Your Ad Could Be Here!

Your classified ad could reach more than 100 engineers, contractors, facilities' owners and manufacturers' representatives. Business card ads are only \$25 per issue (or \$90 for 4 issues). For more information on advertising rates and publication guidelines, visit us online at www.reashrae.org or contact:

Grapevine Editor, William H. Martin III
wmartin@norman-wright.com