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President’s Message

Welcome!

It’s time to get excited about a new frontier in our chapter auction to support ASHRAE Research. While I’m sorry that we have been forced into doing a virtual silent auction, I have wanted to try some version of this for a long time. My thought in past years had been of a hybrid live auction for fun things like desserts and the infamous ASHRAE Handbook Lamp, along with a paper auction for other items that people could look at and read about. But now we’re going to try it out using RallyUp, an [online auction](#) platform that was recommended to the Board by multiple members. We will share further instructions.

I would encourage everyone to have fun with this month’s meeting. Feel free to use the chat for traditional egging on of bids and for good natured trash talk that seems to always happen during our regular auction. If you want to participate but do not feel tech savvy with apps like RallyUp, please reach out to Duane or other Board members. I have been told that RallyUp works equally well on a mobile app and on a desktop browser.

One upside to the online auction format is that we are able to offer a PDH presentation in February for the first time in a long time. I know I appreciate this with my Oklahoma PE license renewal coming up next month. Rachel has been doing a great job with CTT and has more top quality presentations lined up.

Once again thanks to Matt Petersen and Pam Dunlap for running Electronic Communications and Attendance. Both of these jobs have changed significantly this year with all of the online meetings. Matt and Pam have been impressively fast in working through the technical difficulties that were bound to come with a new format. The online auction adds yet one more new thing to coordinate – very special thanks to Duane for taking that on.

Stay safe and see you all online!

Steve Uerling



Steve Uerling
2020-2021 Chapter President
Steve.Uerling@leeandbrowne.com



CHAPTER TECHNOLOGY TRANSFER

By Rachel Spitler

Thank you to everyone who attended our January meeting. Our speaker was Douglas Zentz, another ASHRAE Distinguished Lecturer. Mr. Zentz presented on sustainable building operations, especially how ASHRAE Standard 189.1 can be used to facilitate them.

Our next meeting will be February 10, and it is our annual [ASHRAE Research Auction](#) – with a twist. The auction will be online and we look forward to a virtual lab tour from AAON during the lunch meeting. Please join us via [GoToMeeting!](#)

Remember the 2021 Winter Conference will be held online February 9-11. More information is on the [conference page](#); keep an eye out for live Q&A sessions throughout the week.

Speaking of conferences, this is a good time to mention one of ASHRAE’s lesser-known committees: the Conferences and Expositions Committee (or CEC). The CEC is responsible for organizing the content for the annual and winter ASHRAE conferences. Each conference is structured as a set of topical program “tracks”; each track is chaired by a member of CEC, who is responsible for reviewing program submissions and organizing program sessions within their track. ASHRAE staff members are also essential in handling the administrative and practical structure of the conference.

Finally, a reminder to check out ASHRAE’s [online instructor-led courses](#) if you are in need of



Rachel Spitler
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YEA

By Brian Biggerstaff

We are excited to announce that YEA in conjunction with Membership Promotion will be hosting our first event of 2021 at Golf Suites in Jenks, Oklahoma.

We invite all ASHRAE Members and any of your coworkers to join us for golf and fun. If you have any questions, please feel free to reach out to Brian Biggerstaff directly at 918-219-4030. We look forward to seeing everyone!



Brian Biggerstaff
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bbiggerstaff@eei-ok.com



RESEARCH PROMOTION

By Jason Blair

According to Society, “Since 1919, ASHRAE has supported research to improve the quality of life. ASHRAE Research impacts the industry by improving the way HVAC&R systems work, how they are applied and allow development of technical information to create standards and guidelines, which serve as the basis for testing and design practices around the world. The Society funds thousands of projects addressing topics such as sound, duct design, the effect of oil in refrigerants, load calculations, thermal conductivity, simplified energy analysis procedures, weather data, refrigerant property data, fire and smoke control and solar design.”

This year, the impact of ASHRAE Research has been even more evident in the critical guidance provided regarding how to mitigate the spread of COVID-19 in indoor environments. Our annual auction in February is one of our most important fundraising events each year. This year will look a little different as we hold [the auction online](#) but I hope you will all participate to help fund this important research.



Jason Blair
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REFRIGERATION

With refrigeration playing a large role in our community’s function, our chapter has toured a variety of buildings with interesting refrigeration applications. Let’s take a look back to five years ago when we toured the Tulsa Community Food Bank as described in one of our chapter newsletters in early 2016:

The Tulsa Community Food Bank consists of (4) large built-up industrial coolers and freezers. Each of these varies in size, temperature, and the goods stored. As a result of the varying conditions required for different types of food, the construction for each can vary wildly, from floor construction to entry access and well beyond. In addition, the food bank boasts massive storage for dry goods, and large sorting room and offices for the staff and employees. There are also some considerable challenges with space comfort mostly created by massive swing loads as a result of the ever changing volume of people moving in and out of spaces.



STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. Good news, bad news, and COVID highlights for the start of the new year. The good news is 6 students have applied for the NEOK Society Scholarship. The candidates are all great. It will be a tough decision to narrow down to two students. The bad news is engineer week banquet has been cancelled. The banquet recognizes local high school students going into the field of engineering. COVID has put a closed damper on the air flow of student activities. Enjoy that terrible pun. Have a good one.

Remember, there are three scholarships available through NEOK ASHRAE. NEOK college student scholarships will be given to two Tulsa area college students each year. Both students will be selected from applications received from the University of Tulsa, Oklahoma State University-Tulsa, or Oklahoma State University-Okmulgee. The scholarship amounts shall be \$800 each for two recipients. Also there is a \$1000 scholarship in the name of Tulsa engineer Jack E. Tumilty to a Tulsa metropolitan area graduating high school senior who will be entering the study of mechanical engineering at a college of their choice in the fall. The scholarships are awarded annually at the April NEOK ASHRAE chapter meeting. If anyone knows any students that would be a good candidate for the scholarships, please direct them to the NEOK ASHRAE website.



Jacob Koch
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TREASURER REPORT

By Keith Averitt

Starting Balance (1/1/2021):	\$42,684.27
Debits:	\$ 0.00
Credits:	\$ 0.00
New Balance (1/29/2021):	\$42,684.27



Keith Averitt
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MEMBERSHIP PROMOTION

By Eric Mulliniks

We will miss spending time with our members and their spouses at our typical February auction night, but we are still holding our auction online so I hope you will all participate that way.

We thank you for your membership and encourage you to renew promptly when your membership comes due. If you don't know when your membership renews please take a moment to login to www.ashrae.org and check your membership status, renewal date and while you are there check your bio to make sure all the information is correct and up to date. This helps our chapter leadership tremendously.

Eric Mulliniks
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HONORS & AWARDS

By Mike Beda

We are still in need of a candidate for the Chapter Service Award to take to CRC in April. If you feel you might be close to the 12 points required, please give me a call to review your updated bio and review or compete the scoring sheet. Please email or call me if you have any questions.

The NEOK Hall of Fame will be given at the March chapter meeting. The inductee will be announced in the February newsletter. Please plan to attend.

The CRC will be hosted by the Monterrey Chapter this year. It will be a virtual meeting and can be easily attended by any chapter member. Dates are set for April 22nd through 24th at this time.

Mike Beda
918.706.8309



ELECTRONIC COMMUNICATIONS

By Matt Petersen

Please remember to go "Follow" NEOK ASHRAE on Facebook & join our group on LinkedIn. We will be posting meeting reminders & upcoming chapter activities on both pages. As of this month, we have 101 "Follows" on our Facebook page, and we have 100 members in our LinkedIn group. Please connect with us online to stay up to date with chapter activities!

Matt Petersen
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GGAC

By Garen Ewbank

As we have shared previously, we have been working with OUBCC for the last 5 months, and actually for the last several years, to get them to adopt the same year version of IECC as the other ICC code sections.

Unfortunately, at a recent committee meeting, the commission members voted to recommend the 2015 version of IECC to be adopted along with the 2018 versions of the other sections of ICC. The committee that evaluated this decision did not have any engineers on the committee advising them. In fact, there are no licensed engineers currently on the OUBCC or required to be on the commission.

However, the good news is that because of the bureaucracy, there are several opportunities to get this improved to the 2018 version to match our other code sections. And that makes SB148 even more important. This is the legislation we got Sen. Dave Rader to sponsor that expands the committee to 13 people, requiring the 2 additional people to be (1) licensed mechanical engineer and (1) licensed electrical engineer.

During a recent OUBCC committee meeting, one of the contractors (remember, this is a heavily driven contractor commission) brought up an issue of "2018 IECC requires triple glazing on windows depending on the amount of glass on the façade". And then he followed up with a comment "that our supplier said that product isn't even offered". Follow up conversations with one of our local engineers here, our chapter committee was told that isn't the case at all. The products are readily available and in our climate zone, very rarely is that even required. This just shows how important it is to have the commercial knowledge sitting on the commission to advise other members.

So far, SB148 was passed in committee 10-2. The bill passed committee 10-2. Thank you to all who sent follow up to your legislators. The bill should now move to the Senate floor for debate and final reading. It will need to pass vote and then be engrossed to the House.

We invite all interested chapter members to reach out to their senators (and eventually representatives) to express your opinions on this issue.

We will continue to send updates. Also, you can [go online](#) and create an account and track the bill that way.

This will email you updates on the progress of the bill.



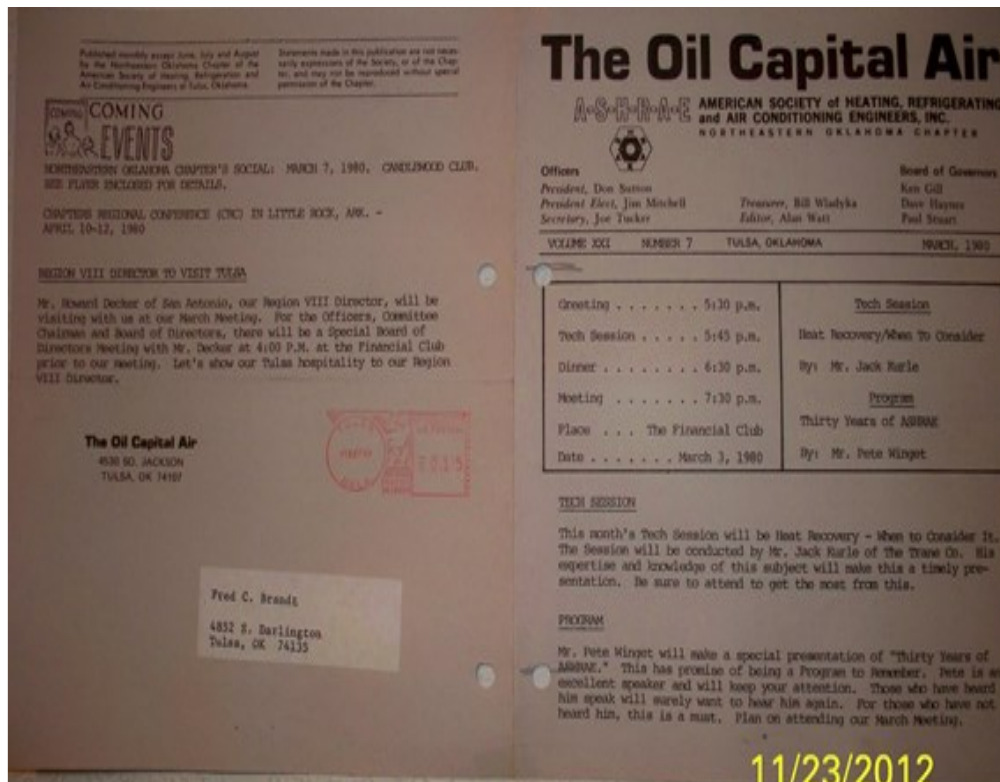
Garen Ewbank
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HISTORY

By Gene Redford

In my ongoing search for finding history articles to write about I came across several old issues of the Oil Capital Air. I thought I would share what our newsletters looked back in the 70's and 80's, but after many revisions you know what our newsletter looks like today.



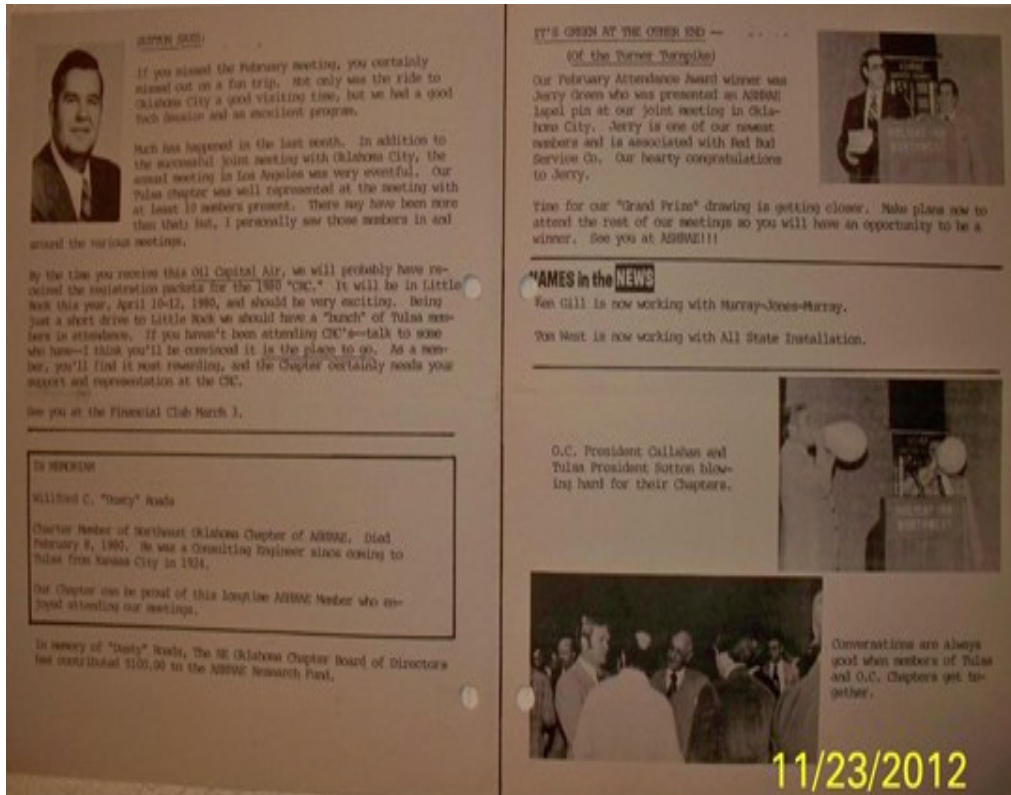
Notice this was only one 8 ½ x 14” legal sheet folded. We later started adding more information and it became two sheets folded. You can zoom in on this copy so you can read the articles, if you want. You will also notice there was no information on meeting dates, officers, etc., so we have come a long way with our current format which is full of information about our chapter’s activities and society information from month to month.

As many of you remember our chapter has won the newsletter award several times in recent years, so we have come a long way. By the way, Jack Tumilty was the member in our chapter who started our newsletter, and as I remember it was around 1959. Back then the newsletter was put together by a chapter editor who was elected each year. It was several years later before being assigned to the chapter president-elect.



HISTORY

By Gene Redford



I also noticed this issue mentioned the passing of one of our charter members Willford (Dusty) Roads. Dusty was a Consulting Engineer, and I had the pleasure of knowing Dusty and enjoyed his stories at our meetings. I remember at one of our meetings Dusty was talking about all of his years of experience as an Engineer. He said he finally figured out what engineering was all about, which was 20% engineering and 80% guess work, and of course that got lots of laughs from those standing there and listening.

If you have a story or memory to share please send them to me at glredbird@yahoo.com. I would like to feature some of our members in one of our history articles, so please send me something about you to write about.



Gene Redford
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MEETING MINUTES

By Matt Simmons

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting: January 2021 Chapter Meeting

Attendance: Total 39 attendees

Meeting Date: January 13, 2020

Compiled By: Matt Simmons

December Chapter Meeting

Meeting Held virtually VIA GoToMeeting on 1/13/2020

- 11:52am Steve Uerling called meeting to order and gave opening message.
- Chad Smith provided an update on efforts to have State of Oklahoma update the version of Energy Code being enforced.
- Duane Harman with an update on the Chapter’s upcoming auction and a request for donation items for the auction.
- Rachel Spitler introduced the speaker, Douglas Zentz.
- Presentation by Douglas Zentz, ASHRAE Distinguished Lecturer, on “Sustainable Building Operation via Standard 189.1”
- Speaker closed presentation and answered question.
- Steve Uerling provided closing comments and adjourned meeting.

End of meeting minutes

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting: January 2021 BOG

Attendance: 16

Meeting Date: January 21, 2021

Compiled By: Matt Simmons

Attendees: Matt Simmons, Steve Uerling, Matt Petersen, Pam Dunlap, Claire Farr, Mike Beda, Jacob Koch, Steve Johnson, Rachel Spitler, Austin Barton, Brian Biggerstaff, Keith Averitt, Dan Owens, Ray Gomez, Robert Schatz, Duane Harman.

The NEOK January BOG Meeting was held virtual via GoToMeeting.
Chapter President Steve Uerling called the meeting to order at 4:35 PM.

President: Steve Uerling

- Called meeting to order
- Some technical issues related to online meetings was discussed.

President Elect: Claire Farr

- Newsletter articles due by January 29th.

CRC Delegate: Duane Harmen

- Gave an update on our chapter points standing by category

(Continued)



MEETING MINUTES (*continued*)

By Matt Simmons

(Continued from page 9)

- Some areas are a little below par and need to make sure we are getting points where we can.
- Gave update on Auction.
 - Lot of the online auction sites look fairly expensive and we discussed several options to reduce cost. Doing research on other potential options for online auction.
 - Need donations. So far, there is only have one donation.

Treasurer: Keith Averitt

- Went over budget numbers and current comparison to last years.
- Discussed some requirements for chapter research donations to be sent.
- Claire Farr made motion made to accept the budget, Mike Beda seconded the motion, all in attendance approved and motion passed with no objections.

Secretary: Matt Simmons

- Previous meeting minutes have been issued and approved.
- Verified it is preferred to issue both BOG meeting minutes and Chapter meeting minutes at the same time for approval by BOG

YEA: Brian Biggerstaff

- YEA event at Flying Tee February 25th will be putting out a flyer shortly to advertise event.
- Have seen a decline in YEA attendance recently so working on getting a good turn out this event.

CTT Chapter Programs: Rachel Spitler

- For February meeting will have auction and presentation will be a virtual tour of AAON testing facilities. Need to discuss detail with presenter.
- March Meeting will be a shared online ASHRAE Distinguished lecturer (DL) with OKC and NW Arkansas chapters. Pam Duffy is the DL presenter. Each chapter will have their own chapter announcements then merge all chapters together for the presentation. Still working out the details on this meeting procedure.
 - Was suggested that it might be better to have the break out after the presentation so each chapter does not need to sync time needed.
- Looking ahead to April and May chapter meeting's presenters and wanted to verify if those chapter meetings will remain virtual or be in person meetings.
 - From discussion they will likely remain virtual meetings to close out this ASHRAE season.

Membership Promotion: Eric Mullininks

- ASHRAE Membership hardship program was discussed
- Discussed issuing a technical article in Chapter newsletter on refrigeration on some changes in the industry.

Research Promotion: Jason Blair

- Not present / No update.

Special Events: Nolan Chance

- Not present / No Update.

Student Activities: Jacob Koch

- No new activities to report as due to the pandemic and limited opportunities.
- Discussed if there are any ideas on how to get points during current circumstances.

(Continued on page 11)



MEETING MINUTES (*continued*)

By Matt Simmons

(Continued from page 10)

GGAC: Garen Ewbank

- Not present / no update

Sustainability: Robert Schatz

- Open to ideas on sustainability content.

Webmaster and Publicity/Social Media: Matt Petersen.

- Have done some minor updates to the web site.

Attendance: Pam Dunlap

- Had 39 attendees at January's chapter meeting including the presenter.

Awards: Mike Beda

- Mike Beda called for a motion to accepting ASHRAE member Keith Browne as an inductee to the Northeastern Oklahoma chapter Hall of Fame for the 2021 year. Dan Owen second the motion. All attendees approved. The motion passed with no objections.

History: No Update

New Business:

- At the earliest convenience Keith Averitt will be added as an authorized signatory for the ASHRAE NEOK chapter Bank of Oklahoma accounts and Nolan Chance to be removed as authorized signatory.

Meeting was adjourned at 5:41 pm.



Matthew Simmons

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msimmons@eda-fki-engineers.com



ASHRAE® REGION VIII

Update!

Region 8 CRC will now be held online. Watch for details to be announced.



YEA / MP SWING & SIP

Thursday, February 25th

4:00 PM to 6:30 PM

Golf Suites (Formerly Flying Tee)

600 Riverwalk Terrace

Jenks, OK



Sponsored by:



RSVP

Brian Biggerstaff - 918-219-4030 or bbiggerstaff@eei-ok.com

Zach Seizinger - 918-406-9130 or zseizinger@eei-ok.com

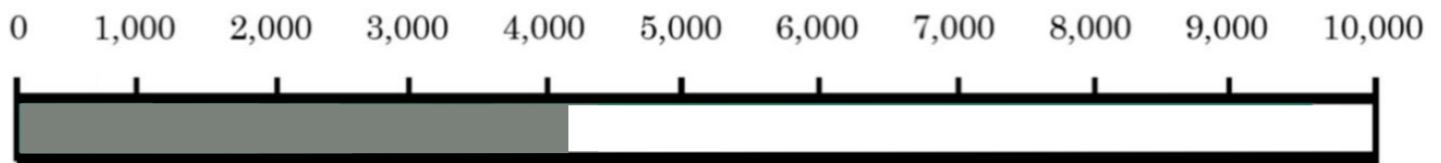


2020/2021 Calendar of Events

<u>Important Dates</u>	<u>Meeting</u>	<u>Location</u>
September 17, 2020	Golf Tournament	LaFortune Golf Course
September 24, 2020	Board of Governors	Online
October 7, 2020	Chapter Meeting (Lunch)	Online
October 15, 2020	Board of Governors	Online
November 4, 2020	Chapter Meeting (Lunch)	Online
November 12, 2020	Board of Governors	Online
December 2, 2020	Chapter Meeting (Lunch)	Online
December 10, 2020	Board of Governors	Online
January 13, 2021	Chapter Meeting (Lunch)	Online
January 21, 2021	Board of Governors	Online
February 9-11, 2021	ASHRAE Winter Conference	Online
February 10, 2021	Chapter Meeting (Lunch)	Online
February 18, 2021	Board of Governors	Online
March 3, 2021	Chapter Meeting (Lunch)	Online
March 11, 2021	Board of Governors	Online
April 7, 2021	Chapter Meeting (Lunch)	Online
April 8, 2021	Board of Governors	Online
April 22-24, 2021	CRC	Online
May 5, 2021	Chapter Meeting (Lunch)	Online
May 13, 2021	Board of Governors	TBD
June 26-30, 2021	ASHRAE Annual Conference	Phoenix, Arizona

Check back in each subsequent newsletter as new events will be added as they are scheduled.

2020/2021 NEOK PAOE Points





2020/2021 Chapter Volunteers

Officers

President	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
President Elect	Claire Farr	918-279-6450	cfarr@es2ok.com
Treasurer	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
Secretary	Matt Simmons	918-258-6890	msimmons@eda-fki-engineers.com

Board of Governors

BOG	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
BOG	Austin Barton	918-270-1414	barton.a@mcintoshok.com
BOG	Ray Gomez	918-584-0102	gomez@phillipsgomez.com
BOG	Mike Beda	918-706-8309	mikebeda1945@yahoo.com
BOG	Steve Johnson	918-935-1266	Steve.johnson55@cox.net

Committee Chairs

CRC Delegate	Duane Harman	918-382-6173	duaneh@aaon.com
CRC Alternate	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
Attendance/Reception	Pam Dunlap	918-587-4747	pbdunlap@matrixae.com
Audit	Chad Smith	918-665-6600	chad@airetechcorp.com
CTT/Programs	Rachel Spitler	918-346-6836	RSpitler@cyntergy.com
GGAC	Garen N. Ewbank	405-826-8156	gewbank@geotctest.com
Historian	Gene L. Redford	918-346-0444	glredbird@yahoo.com
Honors & Awards	Mike Beda	918-706-8309	mikebeda1945@yahoo.com
K-12 STEM	Cheyenne Reynolds	918-224-6560	creynolds@sapulpaps.org
Membership Promotion	Eric Mulliniks	918-382-6432	ericm@aaon.com
MP Co-Chair	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
Newsletter	Claire Farr	918-279-6450	cfarr@es2ok.com
Nominating	Joel Karsetter	918-665-3974	jkarsetter@abscompanies.com
Publicity / Social Media	Matt Petersen	918-978-9543	petersenmatthewe@gmail.com
Refrigeration	Eric Mulliniks	918-382-6432	ericm@aaon.com
Research Promotion	Jason Blair	918-232-7654	jblair@harrisonenergy.com
Special Events Co-Chair	Nolan Chance	918-877-6000	nolanc@midwestmachinery.net
Special Events Co-Chair	Ryan Dunkerson	918-430-6793	rdunkerson@es2ok.com
Student Activities	Jacob Koch	918-836-0271	Jacob.Koch@Leeandbrowne.com
Sustainability	Robert Schatz	918-836-0271	Robert.Schatz@leeandbrowne.com
Webmaster/ECC	Matt Petersen	918-978-9543	petersenmatthewe@gmail.com
YEA	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
YEA Co-Chair	Zachary Seizinger	918-998-0007	zseizinger@eei-ok.com

This newsletter describes the activities of ASHRAE Chapter 069 of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE).

It does not present official positions of the Society nor reflect Society policy.

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