March Madness

President's Message
By: Chuck Mayfield

It is that time of the year again. College basketball has their tournament to crown a national champion. Every office has a pool with brackets filled out, hoping to have the winner. Over one hundred college basketball teams want to take part and millions of fans gather in arenas or around televisions to watch the action. March Madness.

You may not be aware but ASHRAE has madness in March, at least in the Northeastern Oklahoma Chapter. You are probably saying, “What is he talking about?” I would like to call it the Final Four, but that is already taken.

Four ASHRAE members are very busy behind the scenes making sure that our chapter continues to prosper. As you already know, for years our chapter has excelled in every category that ASHRAE has asked us to be involved. This year is no different. It takes committed people and a desire to succeed for us to prosper.

Paul Roberts has been one of the cornerstones of our chapter and continues to assist with our nominating committee. This winter he was asked to find two worthy members that would be good candidates for two open positions, treasurer and secretary. Paul made quick work of this task and will announce those candidates at our March 11th meeting.

Rob Teis is assembling his team for next year as NEOK President. He recently spent a weekend in Dallas attending president elect training. He is the newsletter editor and backs me up on all my duties. Please strongly consider serving with Rob on his committees if asked. I promise you will get more out of it than you give.

Dan Owens thought he would kick back and take it easy as Delegate to the upcoming Chapter Regional Conference (CRC) in Monterrey, Mexico, April 23 and 24. But he has been busier than ever gathering information from our local chapter committees. Each spring Region VIII Chapters compete for the coveted Golden Gavel Award. One of the barometers used to measure a chapter’s success is through PAOE (Presidential Award of Excellence) points. Dan spends many hours every month making sure our chapter is focused on our members, which will turn into points. He also is preparing for the upcoming CRC.

Chad Smith is embarking on another campaign to raise over $50,000 for ASHRAE Research. In the past we have had generous donations from all of our members and Golden Circle Contributions from AAON and MCAA. Chad will need everyone to help if we are to reach our goal this year. Your donations will be well spent on a national level and impact two local universities, OSU and ORU. If you receive a call from an ASHRAE member, please strongly consider donating to ASHRAE Research.

(Continued on page 2)
I could have listed many more ASHRAE members that help out but these “Final Four” members have made my presidential year a slam dunk. Kareem Abdul Jabbar once said, “One man can be a crucial ingredient on a team, but one man cannot make a team.” Surround yourself with a great team and you will go far. See you at our next meeting on March 11th!
Chuck Mayfield can be reached at 918.624-1005 or cmayfield@eei-ok.com

Chapter Technology Transfer
By: Duane Harman

We had a good turn out at last month’s spouse night and appreciate Joe McGee’s message on working relationships.

This month’s technical session focuses on energy saving hydronic pump applications. The technical session will be presented by Tim Ruppert, Midwest Regional Sales Manager for Wilo-USA LLC, Inc. Wilo is a pumping equipment manufacturer headquartered in Melrose Park, Illinois with manufacturing facilities in Thomasville, Georgia. The parent company is headquartered in Dortmund, Germany with manufacturing facilities throughout the world. Wilo is a manufacturer of high efficiency pumping equipment used in HVAC, commercial, municipal and industrial water and wastewater applications. Wilo is the 6th largest pump company in the world.

Duane Harman can be reached at 918.877-6000 or dharman@cyntergyaec.com

March Main Program
By: Keith Browne

The speaker for our March program will be State Senator Randy Brogdon. Senator Brogdon is a former Northeastern Oklahoma Chapter member and has been a successful businessman in the HVAC industry for over 30 years. He also has been extensively involved in local and state government. He started his political career by serving on the Owasso City Council and followed that by being elected as Owasso Mayor. In 2002 he was elected to the Oklahoma State Senate.

As a state senator he has received several honors and awards. In the senate he has been a champion of the Oklahoma taxpayer as proven by legislation he has sponsored, such as The Taxpayer Bill of Rights and The Taxpayer Transparency Act. He currently serves on several committees, including Energy and Environment, Business and Labor, Transportation, and Appropriations. To continue his efforts in serving Oklahoma citizens, he is currently running for governor of Oklahoma.

At our March meeting Senator Brogdon will speak on current issues facing the State of Oklahoma and all of us as Oklahoma citizens. These issues include pending legislation, energy and the environment, constitutional questions, and the economy. Whether you own a business or not, all of these issues affect us in the HVAC business and as Oklahoma citizens. Find out what is going on in our State government by attending this meeting.

Keith Browne can be reached at 918.258.7460 or browne.bee@cox.net

Student Activities
By: Sam Davis

The Education Committee has received three applications for scholarships up to this point, all from OSU – Okmulgee Students. We are still anticipating several applications from OSU-Tulsa, and Tulsa University Students to be coming in. Those interested should see our website at http://www.ashrae-neok.org and look under the student tab to get information on entering the competition for the two scholarships that will be presented this year.

Sam Davis can be reached at 918.249-1918 or Sdavis@federalcorp.com

Jack E. Tumilty Scholarship
By: Keith Browne

The Jack E. Tumilty Scholarship is an annual award offered by the Northeastern Oklahoma ASHRAE Chapter to an area graduating high school senior entering the study of mechanical engineering at a college of their choice. The scholarship, with a $1000 stipend, is in honor of the late Jack E. Tumilty. Besides the requirement for the recipient to be entering the study of mechanical engineering, other requirements include good moral character, outstanding grade point average, interest in the fields of math and science, and submission of a letter describing why the applicant has chosen to study mechanical engineering.

This is the second year the scholarship will be available for award. If there are chapter members who know of a student that may qualify, the student should submit the letter de-
scribed above along with his high school transcript, the name of his high school counselor, a list of extracurricular activities, and contact information to:

NEOK ASHRAE Scholarship Committee
c/o Browne Consulting Engineers, Inc.
PO Box 140538
Broken Arrow, OK 74014

The application must be received no later than April 10 to be considered by the committee. If a suitable candidate is found, the scholarship will be awarded at our May chapter meeting.

Keith Browne can be reached at 918.258.7460 or browne.bce@cox.net

Brown Bag Lunch & Learn
By: Dan Owens

The NEOK Chapter of ASHRAE is offering 2 new educational opportunities for members.

They are brown bag lunch and learn of the past two ASHRAE Webcasts.

2008’s Integrated Building Design – Bringing the Pieces Together to Unleash the Power of Teamwork (3 PDH’s), will be shown on Friday March 12 from 11:00 to 2:00 in the conference room at McIntosh Services, Inc. (8141 East 48th Street).

2009’s Clean, Lean and Green – IAQ for Sustainable Buildings (3 PDH’s) will be shown on Monday March 22 from 11:00 to 2:00 in the conference room at McIntosh Services, Inc. (8141 East 48th Street).

You can earn 3 PDH credits for each re-broadcast.

Space is limited so RSVP now at: owens.d@mcintoshservices.com

Dan Owens can be reached at 918.270.1414 or owens.d@mcintoshservices.com

Research Promotion
By: Chad Smith

Did you hear the one about the guy who bought a lemon meringue pie for $210.00? Oh wait, that wasn’t a punch line, that was what Joel Karstetter spent to secure his favor-ite pie made by Mary Bowers! So you can imagine, if we were selling pies for over $200.00, then we were bound to do good things in raising money for ASHRAE Research.

First of all, thank you to all the members and companies that donated items for the auction. Overall, the auction raised a record $2,450.00 for ASHRAE research. What makes this that much more amazing is we set a record last year at $1,230.00. This year we DOUBLED the amount of money raised! I have included a list of people who helped make the auction a success. Also, there is nothing better than watching Tom Owens trying to stop a bidding war between his wife, Kay, and his daughter-in-law….come on Tom, you know better than that!

I want to say a special thank you to Jim Keim for once again entertaining us as auctioneer. Jim adds so much to the evening not only because he is a professional auctioneer, but he also provided commentary on the items and bidders to add some humor to the evening.

We are beginning to near the home stretch for our fund raising campaign. We anticipate receiving the Golden Circle donation from AAON in the next month. We will be recognizing AAON for their continued support of ASHRAE Research. For those members who haven’t had the chance to donate this year, we will be contacting members to hopefully confirm your continued support for ASHRAE research. If you have any questions about research or would like to know how to make a donation, please feel free to contact Chad Smith at 918-665-6600 or chad@airetechcorp.com.

Chad Smith can be reached at 918.665-6600 or Chad@airetechcorp.com

Chapter History
By: Gene Redford

Once again I was thinking about our chapter and how successful we have been over the years. If you take the time, you will realize the commitment that each and every member has put forth in making our chapter one of the most successful chapters in the society.

The number of people that attend the CRC each year and bring back award after award for just about everything possible is one example of our chapter’s success. If you have not attended a CRC yet, then you should make plans to attend this year in Monterrey, Mexico.

I remember many of the conventions over the past 30 years. Some of my fond memories are when Howard Kirsch (Continued on page 4)
brought his motor home and we loaded as many people as we could to go out to dinner. I remember the bus trips between OKC and Tulsa for joint meetings. There was one trip several of us loaded up into several cars and headed for Shreveport. Jim Mitchell was riding with me. Alan Watt and Jack Dunn were in another car and we headed south. My car had just experienced getting some water in the gas tank from the fuel tank at the Natkin Service office. We thought we could burn it out by the time we reached Shreveport, but no luck. I took along some extra fuel filters just in case and by the time we reached Longview, TX, Jim and I had become so fast at changing out the fuel filter, that we thought maybe we could try out for a NASCAR pit crew. By the time we reached Texas, we knew we were not going to make it. We were stopping about every 30 miles to change the fuel filter. So we loaded Jim into the other car so they could go on to Shreveport and I stayed overnight in Longview. I thought I could get my fuel tank cleaned out the next morning and make it to Shreveport by Friday at noon. Again, no such luck. The garage was surprised I had made it that far. They had to remove the tank and steam clean it. I did not get my car back until 5pm that Friday and ended up returning to Tulsa and missing the convention completely.

How many of you remember the night that Norm with Aaon stood up and challenged our chapter to raise $10,000 and he would match it? That is what makes our chapter what it is, when we have members that will take that challenge and make it happen. Not only did we match it, but also had two $10,000 contributors for several years. When everyone jumps in to help, a successful organization is made. Remember our chapter has won the Premier Award every year since it was started. This shows we have good leadership in our chapter and we continue to find people each year to step up to continue this tradition with the NEOK Chapter.

Like I said, going to a CRC is so rewarding that our members will try and try to get to one whenever possible. The next time somebody asks you if you are going to attend the next CRC, you might want to take a chance and enjoy the experience. I know you will return ready to attend many more times. Region VIII is known for having the best CRC in the Society.

Spouse’s Night, and Featured the Auction to Benefit ASHRAE Research.

President Chuck Mayfield called the meeting to order at 6:47PM. Chuck recognized our Special Guests, Jim Keim, our Auctioneer, and Joe McGee, our featured speaker for the evening.

Bob Allwein was introduced to lead the group in the Pledge of Allegiance to the Flag and to offer an Invocation and prayer.

At 6:50 the Buffet was opened for Dinner.

At 7:17 Bill Hanlon and Gene Redford were introduced to draw ticket numbers for the Half Pot promotion to raise funds for ASHRAE Research. Once again there was no winner and the Half-Pot is up to $479.00.

At 7:24 Chad Smith introduced Jim Keim who began the ASHRAE Research Auction. $2450.00 was raised.

At 8:27 Duane Harman introduced our speaker for the evening, Mr. Joe McGee, the President of Joe McGee ministries who spoke on family and marriage relationships.

The meeting was dismissed at 8:57PM.

Mike Gulizio can be reached at 918.455-1712 or mgulizio@cox.net

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**Noteworthy Events**

By: Rob Teis

John Matsson, a student at Oral Roberts University, has been awarded a grant from the Society in the amount of $4,904.00 under the Senior Undergraduate Project Grant Program, for his submission titled, “Swirling Pipe Flow Laboratory”.

Cyntergy, LLC will be hosting the ASHRAE Commissioning Webcast on April 21, 2010 from 12:00-3:00 pm CDT. PDH certificates will be awarded for this webcast. If you are interested please contact:

Duane Harman can be reached at 918.877-6000 or dharman@cyntergyaec.com

Keith Browne & Dan Owens have agreed to co-chair the CRC Chair position for the 2012 CRC hosted in Tulsa. They are now in the process of selecting the hotel venue. Thanks Dan & Keith!

Rob Teis can be reached at 918.382-6134 or robt@aaon.com

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**February 11th Chapter Meeting Minutes**

By: Mike Gulizio

NEOK ASHRAE Chapter Meeting was held on February 11th, 2010 at the Broken Arrow Bass Pro Complex. It was designated as Spouse’s Night, and Featured the Auction to Benefit ASHRAE Research.
## 2010 ASHRAE Auction Items

<table>
<thead>
<tr>
<th>Auction Item Donors</th>
<th>Winning Bidders</th>
<th>Auction Item Donors</th>
<th>Winning Bidders</th>
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<tr>
<td>Southern Sheet Metal</td>
<td>Jeff Ferguson</td>
<td>Mike Beda</td>
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<td>Northwest Controls Systems</td>
<td>Wayne Smith</td>
<td>ABS Controls</td>
<td>Dan Owens</td>
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<td>Omni-2 Mechanical Services</td>
<td>Chad Smith</td>
<td>Paul Roberts</td>
<td>Chuck Mayfield</td>
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<td>Versa-Tech</td>
<td>Karen Beda</td>
<td>Boone &amp; Boone</td>
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<td>Oral Roberts University</td>
<td>Kay Owens</td>
<td>McIntosh Services</td>
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<td>EEI</td>
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<td>Airetech Corporation</td>
<td>Steve Uerling</td>
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<td>Mary Bowers</td>
<td>Keith Browne</td>
<td>Jim Keim</td>
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<td>Zebco</td>
<td>Mike Giluzio</td>
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## 2009/2010 Programs

<table>
<thead>
<tr>
<th>Date</th>
<th>Technical Session</th>
<th>Speaker</th>
<th>Main Program</th>
<th>Speaker</th>
<th>Theme and Special Guests</th>
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<tbody>
<tr>
<td>10-Sept-09</td>
<td>Golf Tournament at Clary Fields Golf Course</td>
<td>Golf Tournament at Clary Fields Golf Course</td>
<td>Golf Tournament at Clary Fields Golf Course</td>
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<td>8-Oct-09</td>
<td>Ground Source Design for Commercial / Industrial Systems</td>
<td>Garen Ewbank, Ewbank Geotest- ing</td>
<td>Geothermal Systems and Tax Incentives</td>
<td>Dan Ellis, President Climatemaster</td>
<td>Membership Night; Refrigeration Night</td>
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<td>12-Nov-09</td>
<td>Hybrid Boiler Systems</td>
<td>Hamilton Engineering</td>
<td>ASHRAE Research Status</td>
<td>OSU Faculty</td>
<td>Research and Consulting Engineers Night</td>
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<td>10-Dec-09</td>
<td>NONE - Lunch Meeting</td>
<td>NONE - Lunch Meeting</td>
<td>Green Vs. Green</td>
<td>Panel of 5 TBA</td>
<td>Panel Discussion</td>
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<td>14-Jan-10</td>
<td>NONE - Lunch Meeting</td>
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<td>Upcoming Code Changes for HVAC Equipment</td>
<td>Mark Fly, AAON Inc. Director of Engineering</td>
<td>Membership Promotion Night &amp; YEA Night</td>
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<td>11-Feb-10</td>
<td>NONE—Spouses Night</td>
<td>NONE—Spouses Night</td>
<td>Working Marriage</td>
<td>Joe McGee</td>
<td>Research Auction; Spouses Night</td>
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<td>11-Mar-10</td>
<td>Energy Saving Pump Applications</td>
<td>Mark Hunt, Wilo</td>
<td>Oklahoma and Small Business Politics</td>
<td>Randy Brogdon, Oklahoma State Senator</td>
<td>Past Presidents, &amp; Golden Circle Night</td>
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<td>8-April-10</td>
<td>OSU HVAC&amp;R Research</td>
<td>OSU Graduate Students</td>
<td>Variable Refrigerant Systems</td>
<td>Corey Bartlett, Daikin</td>
<td>Student Activities, Plant Tour</td>
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<td>13-May-10</td>
<td>Commissioning</td>
<td>Jim Snyder</td>
<td>ASHRAE 62.1</td>
<td>Dennis Stanke, Trane Commercial Systems</td>
<td>Awards Night; Installation of Officers</td>
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Chapter Volunteers

Officers:

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<tr>
<th>Position</th>
<th>Name</th>
<th>Voice</th>
<th>Fax</th>
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<tr>
<td>President</td>
<td>Chuck Mayfield</td>
<td>624-1005</td>
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<td>President-Elect</td>
<td>Rob Teis</td>
<td>382-6134</td>
<td>382-6295</td>
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<td>Treasurer</td>
<td>Mike Kirk</td>
<td>258-5618</td>
<td>258-2425</td>
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<td>Secretary</td>
<td>Mike Gulizio</td>
<td>455-1712</td>
<td>451-1596</td>
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Board of Governors

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<tr>
<th>Name</th>
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<tr>
<td>Robert Allwein</td>
<td>770-5380</td>
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<tr>
<td>Steve Johnson</td>
<td>270-1414</td>
<td>270-1444</td>
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<tr>
<td>Mike Beda</td>
<td>664-0312</td>
<td>665-3351</td>
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<td>Joel Karstetter</td>
<td>665-3974</td>
<td>665-4219</td>
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<tr>
<td>Keith Browne</td>
<td>258-7460</td>
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Committee Chairs

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<tr>
<td>CRC Delegate</td>
<td>Dan Owens</td>
<td>270-1414</td>
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<tr>
<td>CRC Alternate</td>
<td>Chuck Mayfield</td>
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Committee Chairs (cont.)

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<td>Attendance</td>
<td>Scott Pollard</td>
<td>250-5590</td>
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<td>Directory</td>
<td>Bill Hanlon</td>
<td>835-8333</td>
<td>835-9992</td>
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<td>Historian</td>
<td>Gene L. Redford</td>
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<td>254-1444</td>
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<td>Honors &amp; Awards</td>
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<td>Invocations</td>
<td>Paul Roberts</td>
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<td>Membership</td>
<td>Scott Sherwood</td>
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<td>Newsletter</td>
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<td>Programs (Main)</td>
<td>Duane Harman</td>
<td>877-6000</td>
<td>877-4000</td>
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<td>Jeff Ferguson</td>
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<td>Publicity</td>
<td>Mike Guillen</td>
<td>258-2665</td>
<td>258-4328</td>
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<td>Reception</td>
<td>Brady King</td>
<td>493-2712</td>
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<td>Refrigeration</td>
<td>Eric Norris</td>
<td>382-6303</td>
<td>382-6369</td>
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<td>Research Promotion</td>
<td>Chad Smith</td>
<td>665-6600</td>
<td>627-7004</td>
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<td>Special Events</td>
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<td>Student Activities</td>
<td>Sam Davis</td>
<td>249-1918</td>
<td>249-9014</td>
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<td>Mike Phelps</td>
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<td>Webmaster</td>
<td>Scott Pollard</td>
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Calendar of Events

Important Dates

- August 20, 2009
- September 10, 2009
- September 17, 2009
- October 8, 2009
- October 15, 2009
- November 12, 2009
- November 19, 2009
- December 10, 2009
- December 10, 2009
- January 14, 2010
- January 21, 2010
- January 23-27, 2010
- February 11, 2010
- February 18, 2010
- March 11, 2010
- March 18, 2010
- April 8, 2010
- April 15, 2010
- April 22-24, 2010
- May 13, 2010
- May 20, 2010
- June 26-30, 2010

Meeting

- Board of Governors
- Chapter Golf Tourney
- Chapter
- Chapter
- Chapter Lunch Meeting
- Chapter Lunch Meeting
- Board of Governors
- Board of Governors
- Board of Governors
- Chapter
- Chapter
- Chapter
- Board of Governors
- Board of Governors
- CRC
- Chapter
- Chapter
- Board of Governors
- Joe’s Crab Shack
- Clary Fields Golf Club
- Joe’s Crab Shack
- Islamorada Fish Company
- Joe’s Crab Shack
- Islamorada Fish Company
- Joe’s Crab Shack
- Marriott Southern Hills
- Marriott Southern Hills
- Islamorada Fish Company
- Joe’s Crab Shack
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- Joe’s Crab Shack
- Islamorada Fish Company
- Joe’s Crab Shack
- Joe’s Crab Shack
- Islamorada Fish Company
- Joe’s Crab Shack
- Monterrey, Mexico
- Islamorada Fish Company
- Joe’s Crab Shack
- Albuquerque, NM
- Orlando, FL

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April 22nd - 24th, 2010
Register on-line: http://www.crc-2010.org

CRC 2010
ASHRAE Región VIII
Monterrey, México