



Giga-Joule

September 2015

<http://www.ashrae4greenville.com/newsletter.php>

Meeting Announcement

The September meeting will be held on **Tuesday, September 08, 2015** at M.T. Anderson Support Center. For more information, please contact our Secretary, Melissa Angulo, at secretary@ashrae4greenville.com.

A Message from the President

Greeting ASHRAE Members,

As this year's chapter president, I'm happy to welcome you back to another full year of ASHRAE activities. Please take a moment to read this month's edition of our newsletter where you will find information pertaining to all areas of our chapter. Each of our committee chairs have worked hard this summer to plan educational, social, and fund raising activities that will help our chapter grow in membership as well as support local education, government outreach, and ASHRAE Research. Please make sure that you pay special attention our calendar of events. We have a full schedule this year, and we want everyone to take advantage of all opportunities provided. Finally, I'd like to ask each of you to please invite someone new to our meetings this year. Continued growth will allow our chapter to help educate the HVAC community as well as promote fellowship among friends and colleagues. Thank you for your continued membership and support, and please don't hesitate to call or email me with any questions. I look forward to seeing you at our first meeting!



Tigue Garick – President
ASHRAE – Greenville Chapter
tigueg@jmpco.com
864-616-0592

Thank you!

Thank you for your participation in ASHRAE events last year and please join me in thanking the committee for their hard work last year. We continued to have increased chapter attendance, had our first Habitat for Humanity event, our first YEA event and our first golf tournament for research promotion at Musgrove Mills Golf Club. Please join me in congratulating Tigie Garick as President for this year. I am confident his leadership will bring a successful year to our ASHRAE Chapter. I hope to see you at the chapter meetings!



*Myrna Dayan, PE, CEM, LEED AP
Vice-President, Greenville Chapter, ASHRAE Region IV
myrna@mail.ashrae.org*

Membership Promotion

As ASHRAE members, we enjoy the ASHRAE Handbooks and the ASHRAE Journal and the many ASHRAE Standards and design guidelines. But we can also volunteer to serve on one of over 100 technical committees, the deliberative bodies that publish documents like Standard 90.1 or the High Performance Building Design Guidelines.



All of us know someone who says that something in an ASHRAE standard doesn't make sense or should be changed. "If I were in charge, this would be different." Well, if that person were an ASHRAE member, that person could have their say by joining ASHRAE and literally writing the standards as a member of one of those technical committees. Invite that person to a chapter meeting, and encourage that person to share their expertise with the world through ASHRAE.

*Kevin Brock
Membership Chairman, Greenville Chapter, ASHRAE Region IV
Kevin.Brock@dnvgl.com*

Student Activities

This year we have the excitement of a Clemson student receiving the Willis H. Carrier Scholarship from ASHRAE Nationals. Only two people are selected by ASHARE annually for this scholarship, so we want to celebrate and recognize Anna Schleifer for this accomplishment. We are striving to further develop and grow the student chapter this year. In our mind, the best way to accomplish this is through involvement from our local chapter members. The main reason these students want to be involved in the Clemson chapter of ASHRAE is to network with individuals in the industry, like yourselves. For this reason, we ask for your help in making this student chapter a success now and in the future.

Thank you,

Co-Chairs:

*Ryan Tonnsen CEM, CMVP, LEED GA
Performance Assurance Engineer
Johnson Controls - Building Efficiency*

*Daniel Lowe, PE
Commissioning Agent
Commissioning Consultants, LLP*

sa@ashrae4greenville.com

Grassroots Government Advocacy

When ASHRAE members engage with elected and appointed officials at all levels of government, we can impact society. In the aftermath of the recent tragic events in the NYC legionellosis outbreak, NYC Council adopts part of ASHRAE Standard 188. ASHRAE Committee members spoke to the Council to urge them to adopt the whole Standard. Read the whole story here:

<https://www.ashrae.org/news/2015/ashrae-legionella-standard-adopted-in-new-york-following-outbreak>

Get ASHRAE Standard 188 here:

<https://www.ashrae.org/resources--publications/bookstore/ansi-ashrae-standard-188-2015-legionellosis-risk-management-for-building-water-systems>

Learn more and take action on timely government affairs issues at all levels of government by visiting ASHRAE's government affairs action center at:

<https://account.votility.com/enterprise/ASHRAE/ec/126>

If you have any questions about Government Advocacy, give me a call at (864)355-7792 or email me at bknight@greenville.k12.sc.us.

Bill Knight

Director of Energy Management Greenville County Schools

(864) 355-7792

[*bknight@greenville.k12.sc.us*](mailto:bknight@greenville.k12.sc.us)

In efforts to keep you updated, visit us at:

WEBSITE: www.ashrae4greenville.com

LINKEDIN: https://www.linkedin.com/groups?home=&gid=8154388&trk=anet_ug_hm

EVENTCALENDAR: View ASHRAE Greenville Chapter Meetings calendar



Faulkner / Haynes & Associates, Inc.
The Carolinas' Premier Commercial HVAC and Power Quality Reps

September Meeting

Presenter: Charles Waddell

Charles "Charlie" Waddell, is the President of global plasma solutions, a savannah, GA based air purification company that specializes in education and healthcare air quality and energy saving solutions. Charlie's experience includes designing HVAC systems in the Residential, commercial and industrial markets as well as for the automotive, hand dryer and aviation industry. Charlie holds a BSEE and BSEM from Old Dominion University, Norfolk, VA.

Charlie is an active member of ASHRAE and currently a member of ASHRAE TC 4.3 (ASHRAE 62), TC 2.3 (Gas Phase Filtration) and formerly the secretary of TC 8.12 (Desiccant Dehumidification & Components). Charlie has over 14 years of hvac design experience and has presented at over 40 different ASHRAE Meetings in the last 5 years. Charlie's latest accomplishments include five patents granted and having an article published in engineered systems magazine on desiccant dehumidification.

LECTURE TOPIC:

ASHRAE Standard 62.1-2010, IAQ Procedure

Programs: ASHRAE Standard 62.1-2010, IAQ Procedure – 1 PDH

Location: M.T. Anderson Support Center
100 Blassingame Road
Greenville, SC 29605

Date: Tuesday, November 11, 2014

Time: 11:30 a.m. Doors Open
11:35 a.m. Lunch Served
11:45 a.m. to 12:00 p.m. Chapter Business
12:00 p.m. to 1:00 p.m. Program

Cost: Lunch Program: \$13 in advance \$15 at door for chapter member (catered lunch)
\$20 for non-chapter member (catered lunch)

Education Credit: The Technical Programs qualify for 1.0 PDH (including NC PE) for each program attended.

Please RSVP by going to the following link
<http://goo.gl/forms/1hKBcIwwjd>
No later than Noon Friday, September 04, 2015

ASHRAE Greenville Chapter Board 2015-2016 Committee

Chapter President	Tigue Garick
Chapter President Elect	Rodney Hinton
Chapter Vice President	Myrna Dayan Daniel Lowe
Chapter Secretary	Melissa Angulo
Chapter Treasurer	Jeff B Beard
Chapter Board of Governors	Devon Cortright
Chapter Board of Governors	Karl Counts
Chapter Board of Governors	Bill Knight
Chapter Board of Governors	Carol Suttles
Chapter Board of Governors	Brandt H Williams
Chapter Board of Governors	Rodney Hinton
Chapter Technology Transfer Chair	Dorothy Bertolini
Chapter Membership Promotion Chair	Kevin Brock
Chapter Research Promotion Chair	Jeremy Butdorf
Chapter Student Activities Chair	Daniel Lowe & Ryan Tonnsen
Chapter Grassroots Government Activities Chair	Bill Knight
Chapter Historian	Daniel Lowe
Chapter Honors and Awards	Devon D Cortright
Chapter Webmaster	Karl F Counts
YEA CHAIR	Jeremy Butdorf

Meeting Dates for 2015-2016

Tuesday 09/08/2015	ASHRAE Standard 62.1-2010, IAQ Procedure	Greenville, SC	Presenter: Charlie Waddell, Global Plasma Systems
Tuesday 10/13/2015	Condensing Boiler Applications & Venting	Greenville, SC	Presenter: HTS
Wednesday 10/14/2015	Condensing Boilers	Asheville, NC	Presenter: HTS
Tuesday 11/10/2015	Fundamentals of Building Envelopes in Hot & Humid Climates	Greenville, SC	Presenter: Ray Patenaude, PE, CMA, CIAQP, CEM, RPIH ASHRAE Distinguished
Wednesday 11/11/2015	Fundamentals of Building Envelopes in Hot & Humid Climates	Asheville, NC	Presenter: Ray Patenaude, PE, CMA, CIAQP, CEM, RPIH ASHRAE Distinguished
Tuesday 12/15/2015	Modern Pump Selection	Greenville, SC	Presenter: Chris Edmondson ASHRAE Distinguished Lecturer
Tuesday 12/16/2015	Modern Pump Selection	Asheville, NC	Presenter: Chris Edmondson ASHRAE Distinguished Lecturer
Tuesday 01/12/2016	Permanent Magnet Motors	Greenville, SC	Presenter: Andrew T. Holden, PE
Tuesday 02/09/2016	DOE Recommended Details for Chiller Plant Optimization	Greenville, SC	Presenter: David Pleasants, PES
Tuesday 03/08/2016	HVAC Systems for Pharms/Bio Facilities	Greenville, SC	Presenter: Manuel A. del Valle
Tuesday 04/12/2016	Commissioning of the Built Environment - Principles, Process, Procedures, and the Future	Greenville, SC	Presenter: Ross Montgomery, PE,CXA,CPMP,BEAP, BEMP
Wednesday 04/13/2016	Commissioning of the Built Environment - Principles, Process, Procedures, and the Future	Asheville, NC	Presenter: Ross Montgomery, PE,CXA,CPMP,BEAP, BEMP
Monday 04/18/2016	Research Promotions Golf Tournament	Clinton, SC	Location: Musgrove Golf Club
Tuesday 05/10/2016	AHRI ratings for Energy Recovery & DOAS equipment	Greenville, SC	Presenter: Eric VanUytfanck Venmar



Unless otherwise stated meetings are:

2nd Tuesday of the Month

11:30am – 1pm

MT Anderson Support Center

100 Blessingame Road. Greenville, SC 29605

Each program provides at least 1 PDH

Networking/ Social Events for 2015-2016

Wednesday 09/16/2015	Willis Carrier Student Scholarship Presentation	Greenville, SC	Clemson University
Monday 11/09/2015	ASHRAE Fall Fishing Trip	Elizabethton, TN	Watauga River
Monday 04/11/2016	ASHRAE Spring Fishing Trip	Elizabethton, TN	Watauga River

ASHRAE Winter Conference

Start Planning for 2016 ASHRAE Winter Conference, Jan. 23– 27, Orlando, FL.

Visit www.ashrae.org/orlando.



2016 Winter Conference
Jan. 23-27
Orlando Hilton
Orlando, FL

AHR Expo
Jan. 25-27
Orange County Convention Center
Orlando, FL