



*The Anthracite Chapter*

**NEWS**

**October 2023**

**ASHRAE - Shaping Tomorrow's Built Environment Today**

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## President's Message

Hello ASHRAE members and friends.

I hope you are enjoying the beautiful early Autumn weather and the colors that are starting to emerge on the mountains surrounding the Susquehanna Valley.

Last month's meeting was held at the Woodlands in Wilkes-Barre and we had a very nice turnout. The presentation on commercial electrical rebates by Kevin Lugo, Wildan/ First Energy and Bud Fogleman, PPL was well received and several of last month's attendees have expressed interest in having them back next year to present on the many changes that the Inflation Reduction Act is going to have on many incentives and energy rebates.

At September's meeting I had the honor to present Chapter Service Awards to Ron Sibulsky and Charlie Smith. I certainly thank you both for your commitment and dedication to ASHRAE and our Chapter. In addition to the Chapter Service Awards, I had the privilege of presenting Susan Troy-Connors with the "Boomerang Award" for the best membership retention in ASHRAE Region III. Thank you, Susan, for your hard work and dedication.

October's meeting will be held at the Harvest Seasonal Grill at Montage. The meal will be a plated meal with choices of Cedar-Roasted Salmon, Sesame Chicken, Castle Valley Mill Pasta with Chicken, and Plant-Based Tofu Pad Thai. Please let me know your choice of entrée when registering. Please take advantage of our pre-registration option and skip the line at the registration table. Just click on the link below. It is quick and you can get a receipt immediately.  
<https://anthraciteashrae.weebly.com/meetings.html>

A handwritten signature in blue ink that reads "James Pensyl".

James Pensyl

ASHRAE Anthracite Chapter President 2023-2024

**Chapter Website: <https://anthraciteashrae.weebly.com>**

# **ASHRAE ANTHRACITE CHAPTER MEETING**

**Tuesday, October 17, 2023**

## **Applying ASHRAE Standard 241 & Benefits of Bi-Polar Ionization in Commercial Buildings**

Presented by

**Carlos Gendron (AtmosAir)**

Carlos Gendron is a senior sales, marketing and sales management executive with over 25 years experience in a variety of enterprise and consumer sectors, in several successful VP of Sales (and Marketing) positions, including a division of Campbell Soup - Pepperidge Farm, Pelham Sloane (specialty PC manufacturer) and the top US environmental services company.

### **Presentation's Purpose:**

- To learn about ASHRAE's latest Standard 241 and how it is applied for maintaining the healthiest possible IAQ in indoor environments, and mitigation risks during environmental alerts.
- To learn about how to apply BPI within a building's design, to leverage its benefits to downsize mechanical equipment wherever possible, within Ventilation Code Requirements, and to reduce a building's energy efficiency and energy footprint.
- To understand the principles of Bi-Polar Ionization (BPI) air purification, its applications and uses in indoor environments, its benefits to occupants in indoor spaces, as well as its overall benefits in improving indoor air quality and indoor environments.

### **Presentation Outline**

- Why is Indoor Air Quality important?
- Focus On Indoor Air Quality
- Airside Efficiency: Energy Savings & Sustainability, Meeting Code
- ASHRAE IAQP Contaminant Modeling Software
- ASHRAE Standard 241, Control of Infectious Aerosols
- ASHRAE Standard 241, Control of Infectious Aerosols: Applications Using BPI
- ASHRAE Sponsored Study Shows Positive Results for BPI
- Different Air Purification Technologies on the Market
- Indoor Air Purification Solutions Product Options
- Design Community Allies: MEP & Architects
- Experience in Multiple Markets
- Third Party Validation: Measurement & Verification

**A Certificate of Attendance will be emailed to attendees**

Location: **The Harvest Seasonal Grill**  
7011 Shoppes Blvd, Moosic, PA 18507  
(570) 342-3330

Schedule: 5:00-5:45 p.m. Business Meeting (All are Welcome)  
5:30-6:30 p.m. Social Hour (Cash Bar)  
6:00-6:30 p.m. Dinner/Program Registration  
6:30-7:15 p.m. Dinner (**Plated**)  
Entrée Choices:

- Cedar-Roasted Salmon
- Sesame Chicken
- Castle Valley Mill Pasta w/ Chicken
- Plant-Based Tofu Pad Thai

7:15-8:30 p.m. Announcements & Presentation

Cost: \$ 35.00 advanced registration, cash, or check / \$ 40.00 credit card at the door / FREE for Students

Only If You Are Planning to Attend Please Respond by 2 pm on FRIDAY, October 13, 2023 to James Pensyl at (570) 912-2422, via e-mail at [c134@ashrae.net](mailto:c134@ashrae.net), or use our convenient pre-registration option by clicking on the link below. Please make sure you select/ indicate your preferred entrée choice when registering.

<https://anthraciteashrae.weebly.com/meetings.html>

## **NEWS and Notes**

### **Newsletter Sponsors**

I hope all who sponsored our Chapters newsletter last year will continue with your support. Your check can be sent to Michael Mecchi, Treasurer, or given to any of our Officers at the next meeting.

If anyone else would like to sponsor the newsletter, or know of someone who might, please contact myself, or any of the Officers.

### **Technology Corner**

Technical articles are always welcome to be included in our newsletter. If you have a technical article that you would like to see included in a future edition of the *NEWS*, please submit articles to CTTC Chair Dennis Gochoel [c134prg@ashrae.net](mailto:c134prg@ashrae.net) for consideration.

## Photos From the September Meeting



## Job Opportunity

If anyone has any job openings they would like to see posted in the *NEWS*, please forward all pertinent information to me at [c134@ashrae.net](mailto:c134@ashrae.net)



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### Inside Application/Sales/Technical Support Engineer

Associated Steam, Air & Hot Water is a manufacturer's representative covering Delaware, Maryland, South Jersey, Pennsylvania, Washington DC and northern West Virginia.

We are hiring for Inside Application/Sales/Technical Support Engineer positions to maintain our growth and meet the needs of our customer base.

Candidate must have engineering/mechanical technical background.

Must be able to read and interpret mechanical, plumbing and control drawings and coordinate with written specifications.

Detail oriented.

Comfortable interacting with customers and providing customer support service.

Job functions include but not limited to equipment selection, taking-off projects, quote preparation, providing customer technical support to our customers including engineers, contractors and end users., interfacing with sales team and manufacturers as required.

Communicate effectively with other team members to ensure excellent customer service, technical assistance, and support for Associated's outside sales team.

Provide reports on projects as required.

Attend training courses as required, internally and at factories as scheduled.

Make field visit with outside team for educational purposes to gain knowledge of systems we provide solutions for efficiency and energy savings. Perform and/or assist in equipment start up.

Visit our website for additional information on the manufacturers we represent. [www.associatedsteam.com](http://www.associatedsteam.com)

We offer competitive compensation packages, in house training, field experience.

Resumes can be sent to Dave Rainsford at [drainsford@associatedsteam.com](mailto:drainsford@associatedsteam.com)

## Job Opportunity



### Director of Mechanical Engineering

We are seeking an experienced Director of Mechanical Engineer specializing in Mechanical Systems Design to be a part of our growing engineering practice.

We currently have openings in our Pittston, PA location. The successful candidate will have experience with an A&E Consulting firm leading design, mentoring staff, and interacting with clients.

The candidate will be involved from the initial conceptual design to construction close out, for projects across a wide range of industries including healthcare, education, commercial, industrial and mission critical.

In this position you are responsible for the overall total management of all aspects of the Mechanical Department.

The Director of Mechanical Engineering is responsible for:

- Reports to the partners about department needs such as manpower, equipment, software, personnel issues, education reimbursement.
- All necessary quality control on every project; that would include checking, etc.
- Increasing productivity of department.
- Establishing design standards and protocols with the goal of producing a consistent product.
- Developing & Maintaining Standardized details
- Develop and Maintain, Master Spec's. specific to SMA needs. Short form drawing and/or word for small projects and book spec for larger ones.
- Establishing format for design calculations. (Heating/Cooling loads, plumbing water/gas/sanitary/storm lines, Energy analysis, ???)
- Establishing format of design specific major project equipment.
- Selecting the software specific to mechanical department needs.
- Weekly review of all time sheets and evaluations of the mechanical department.
- Yearly review of salary increases and evaluations of the mechanical department.
- Develop project requirements in conjunction with project manager (i.e., drawing lists, scope).
- Recruiting of Staff.
- Training and Development of Staff.
- Monitoring of hours for their department on all projects and any change of scope issues.

### Qualifications

- BSME/MET/BSAE (or other engineering discipline with applicable experience).
- Current PE registration is required.
- 10+ years' experience designing HVAC building systems in technically sophisticated facilities.
- Have project management experience running projects.
- Knowledge of building plumbing and fire protection systems a plus

**Charles C Smith, PE**

**PRINCIPAL**



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2022-23 Ron Sibulsky	2011-12 A.J. Speicher	2000-01 Dennis Gochoel	1989-90 Paul Dreater
2021-22 Michael Mecchi	2010-11 Tom Swartwood	1999-00 John Durdan	1988-89 Bud Reilly
2020-21 Michael Mecchi	2009-10 Brian Flynn	1998-99 Matthew Martin	1987-88 Ray Suhocki
2019-20 Marjorie Gelso	2008-09 Eric Zanolini	1997-98 Dean Butler	1986-87 Jerry Peznowski
2018-19 Eric Turner	2007-08 Walt Janus	1996-97 Charlie Smith	1985-86 Lee Garing
2017-18 Eric Turner	2006-07 John Havenstrite	1995-96 Chuck Swinderman	1984-85 Spence Martin
2016-17 Alyssa Procida	2005-06 Manish Patel	1994-95 John Walker	1983-84 Donald Brandt
2015-16 Rich Karns	2004-05 A.J. Lello	1993-94 Dennis McGraw	1982-83 Rich Santee
2014-15 Matt Archey	2003-04 Dennis Gochoel	1992-93 Scott Harford	1981-82 Bob Mugford
2013-14 Matt Archey	2002-03 Phil Latinski	1991-92 Dan Mello	1980-81 Kerry Freeman
2012-13 Tracey Jumper	2001-02 Mike Moran	1990-91 Mark Hagen	

## *ANTHRACITE CHAPTER MEETINGS & EVENTS 2022-23*

<b>Date</b>	<b>Theme</b>	<b>Program</b>	<b>Speaker</b>
Sept. 19	Membership/ Bring-a-Buddy	PA Commercial Utility Incentive Programs First Energy and PPL	Kevin Lugo Bud Fogelman
Oct. 17		Applying ASHRAE Standard 241& Benefits of Bi-Polar Ionization in Commercial Buildings Location: Harvest Seasonal Gill	Carlos Gendron
Nov. 14	Research Promotion/ Donor Recognition	Decarbonization- Lessons Learned from the Rainforests Location: East Mountain Inn	Tracy Jumper*
December	Research Promotion Social/ Formal	TBD	--
Jan. 17	Family Fun Night	W/B Penguins Game and Arena Refrigeration Plant Tour, Mohegan Sun Areana.	Plant Tour
Jan 20. -Jan 24	Winter Conference/AHR Expo	2024 ASHRAE Winter Conference & AHR Expo, Chicago, IL	--
Feb. 21	Engineer's Week Joint Meeting w/ SMACNA	TBD Location: Cooper's Seafood Scranton PA	TBD
Mar. 21	Nominating Night Joint Mtg. w/ AIA	Don't Let your BIM go Boom Location: Apple Tree Terrace, Dallas PA	Mitchell Swann*
April 18	Students/Membership Promotion	2 <sup>nd</sup> Annual Membership Promotion Mixer and Corn Hole Tournament Location: Susquehanna Brewing Company Pittston PA	--
May 23	<b>Past-Presidents</b>	<b>TBD</b> <b>Location: Sand Springs, Drums PA</b>	<b>TBD</b>
Jun. 18	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	--
Aug.	Chapters Regional Conf. 8/15/24 thru 8/17/24	2024 Region III CRC, Bethlehem, PA	--

\*ASHRAE Distinguished Lecturer

## ***The Anthracite Chapter NEWS***

James Pensyl, Editor, c/o 160 West Main Street , Millville, PA 17846

### **ASHRAE MISSION**

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