



Twin Tiers Chapter

American Society of Heating,
Refrigerating, and
Air Conditioning Engineers
Inc.

Special points of interest:

- President Message
- Twin Tier News
- Monthly Meetings
- Society News
- Scholarships
- Business Card Advertisements
- Employment

ASHRAE 2017-2018



Shaping Tomorrow's
Built Environment Today

September Meeting
September 18, 2018

TOUR: Beer Tree Brewing Co.

To register, visit the Chapter website:
<http://twintiers.ashraechapters.org>

Please send all newsletter comments to:
Andrew Nice, Editor
c/o Meier Supply Co.
275 Broome Corporate Parkway
Conklin, NY 13748
[Email the Editor](#)

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American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.



Corner

President's

Dear Twin Tiers Chapter Members,

Another exciting year of events for the Twin Tiers Chapter is already here! I have the honor as serving as the incoming president for this 2018 to 2019 ASHRAE year. Please look at the "Who's Who" portion of the website to see the members that are Officers, part of the Board of Governors and Committee Chairs for this year. I look forward to working with this group and am especially excited to maintain the chapter's Presidential Award of Excellence (PAOE) Premier status.

I would like to send a big 'Thank You' to the outgoing president Petros Papathomopoulos for all his efforts as president last year. He oversaw a term that included many exciting chapter programs, the awarding of scholarships through our HO Ward Scholarship Fund, a 'construction' charity project and a year in which the chapter earned several awards. Also, we would like to thank Mike Colwell who stepped down as the chapter Webmaster after a great many years. Mike started the website for the chapter and has maintained it ever since. Petros certainly has some big shoes to fill, but I know he is up to the challenge.

The ASHRAE society year started in July 2018 and is already in full swing. As a chapter, we had several officers and board members attend the Region 1 Chapters Regional Conference (CRC) in August. The event was held in Northern New Jersey, directly across from NYC. As noted, the chapter won a handful of awards that will be distributed at an upcoming meeting. Most notably, our chapter was once again awarded Presidential Award of Excellence (PAOE) Primer status, an achievement we've obtained each year since the chapter's inception and a status that is shared with just five other chapters in the country.

The Society President for 2018-2019 is Sheila J. Hayter, P.E., and her theme for the year is "Building Our New Energy Future". As she stated in her presidential welcome message, "We are at the front end of a major evolutionary change in how energy systems interact. Instead of individual systems—buildings, utilities, the transportation sector, and the industry sector—it's becoming one system, and buildings are going to play a central role in that new paradigm. Buildings will be where energy is generated, stored, and commandeered, and we will be optimizing energy flow in a different way."

For the Twin Tiers, our first chapter meeting will be a tour of the Beer Tree Brewing Company Operation in September. Please look at the calendar of events for the tentative yearly schedule. We hope that all members (and non-members) try to attend the monthly chapter events. They provide not only educational opportunities (often PDHs!!!) but are also great for networking within our small engineering community.

Thank you and I look forward to the upcoming year.

Mike McGinnis
Twin Tiers Chapter President

Chapter President



Michael McGinnis
(607) 727-3168

[Email Me!](#)

2017-2018 Chapter Officers

President-Elect

Kyle Nedlik
(607) 321-6100
[Email Me!](#)



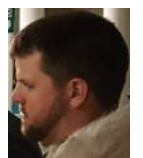
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Secretary

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Twin Tiers Chapter

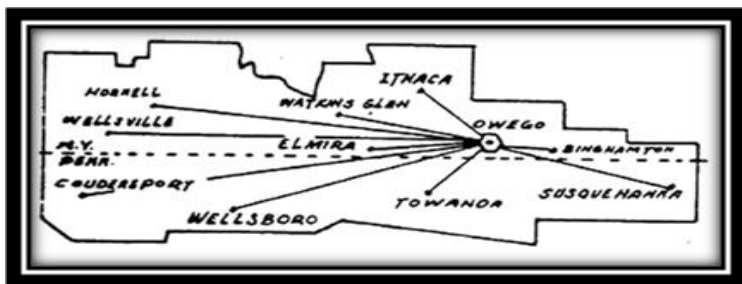
Presidential Award of Excellence (PAOE)

	Chapter Operations	Chapter Technology Transfer	Electronic Communications	Grassroots Government Activities	Historical	Membership Promotion	Research Promotion	Student Activities
MIN/ PAR	600/1200	450/1050	250/500	500/650	100/300	500/800	800/1050	300/500
Current	350	0	225	0	200	310	0	50

POINTS CURRENT AS OF 9/14/2018

Chapter Committee Chairs

Technology Transfer Kyle Nedlik (607) 321-6100 Email Me!	Government Activities Adam Keller (315) 487-8791 Email Me!	Refrigeration Rob VanSkiver (585) 591-8168 Email Me!	Golf & Clambake Outing Michael McGinnis (607) 727-3168 Email Me!
Membership Promotion Chris Wolak (484) 350-1954 Email Me!	Nominating Andrew Nice 607-760-5960 Email Me!	Meeting Reception Matthew Lloyd 607) 239-3956 Email Me!	H.O. Ward Scholarship Richard Sanguinito (607) 231-6605 Email Me!
Research Promotion Glenn Roberts (315) 234-1527 Email Me!	Student Activities Jason Gilbert (607) 777-2240 Email Me!	Membership Directory Chris Wolak (484) 350-1954 Email Me!	Albern Education Fund Jason Gilbert (607) 777-2240 Email Me!
Honors & Awards Michael McGinnis (607) 727-3168 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium- Fall/Spring Kyle Nedlik (607) 321-6100 Email Me!	Auditing Rick Sanguinito & Andrew Nice (607) 231-6605 / 607-760-5960 Email Me!
Webmaster Petros Papathomopoulos (607) 723-9421 Email Me!	Newsletter Editor Andrew Nice 607-760-5960 Email Me!	YEA: Young Engineers Victoria Kramer (607) 321-6127 Email Me!	Publicity Andrew Nice 607-760-5960 Email Me!



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Twin Tiers Chapter– Monthly Meeting Information

2018-2019 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
18-Sep	Brendan Harder, Beer Tree Brewing Co.	TOUR: Beer Tree Brewing Co. tour of their facilities.	-
16-Oct	Multiple/TBD	Fall Engineering Symposium—Daytime	-
20-Nov	Doug Clay, Sack & Associates	Tompkins Trust Building (Tour) – Water Source VRF, DOAS, Cooling Tower, Boilers	-
18-Dec	Michael Collins, Eagle Bay Refrigeration	Wegmans Facility (Tour) - Refrigerant Update	-
15-Jan	Speaker: TBD	Distinguished Lecturer – Past President Night	-
19-Feb	Jason Gilbert, Binghamton University Physical Facilities	Binghamton University School of Pharmacy & Pharmaceutical Sciences Tour	-
19-Mar	Speaker: TBD, Cornell University	Cornell University Hydroelectric Plant Tour	-
16-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
21-May	Speaker: TBD	Brewery Tour	-
18-Jun	None	Golf Tournament	-

NOTE: *Speakers and topics are subject to change based on availability.*

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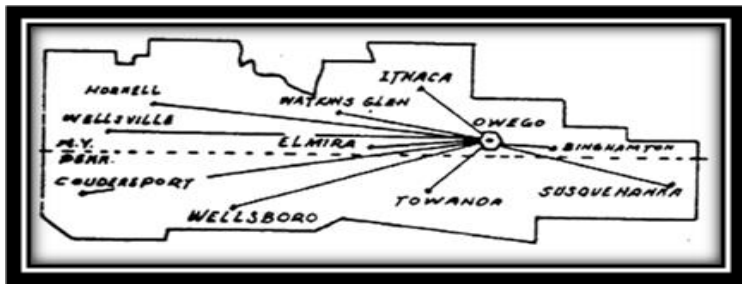
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2018-19 Twin Tier ASHRAE Officers

2018-19 Officer Instatements

President – Michael McGinnis

President-Elect – Kyle Nedlik

Vice President – Devin Shapley

Treasurer – Adam Keller

Secretary – Matthew Lloyd

2018-19 Chair Position Instatements

Grassroots Government Activities Chair - Adam Keller

Membership Promotion Chair – Chris Wolak

Student Activities Chair – Jason Gilbert

Research Promotion Chair - Glenn Roberts

Webmaster – Petros Papathomopoulos

Historian – Richard Sanguinito

Newsletter Editor – Andrew Nice

Publicity – Andrew Nice

YEA – Victoria Kramer

Golf & Clambake Chair – Michael McGinnis (Co-Chair Matt Hawley)

Audit Committee – Richard Sanguinito & Andrew Nice

Thank you to all our volunteers for
this upcoming year!

If you or someone you know is interested in
volunteering their time please contact
Michael McGinnis at this [email](#).



American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

September Chapter Meeting Announcement

September 18, 2018

ASHRAE Twin Tier September Chapter Meeting

DATE: Tuesday, September 18th, 2018

TIME: 5:15 PM

MEETING LOCATION: Beer Tree Brewing Co.
197 NY-369 Port Crane, NY 13833

TOUR: Beer Tree Brewing Co. Facility Tour

SPEAKER: Brendan Harder, Beer Tree Brewing Co.

DESCRIPTION: Beer Tree Brewing Company is a craft brewery founded in Port Crane, NY, in October of 2017 by Brendan Harder and Chris Rhoades. Brendan and Chris previously worked as managers at Amphenol Aerospace in Sidney, NY. The brewery includes an 1,800 square foot taproom, an indoor brewing area, two outdoor patios, and 15 acres of surrounding land. Beer Tree staff will provide our group a tour of the facility, where they will highlight the building's mechanical/HVAC systems, give us an in depth overview of their brewing equipment and their standard brewing processes, and talk about the history of the brewery, from how it got started to where they are today. After the tour, we will meet under the tent on the back patio for our September Chapter Meeting, followed by a "pay as you go" dinner and social hour. Food will be available from the "Bada Bing DC" (now Southern Tier Cheesesteak Company) spiedies and cheesesteak truck for purchase.

AGENDA:
5:15 – 5:30: Arrivals
5:30 – 6:30: Tour of the Facility
6:30 – 7:30: "Pay As Your Go" Dinner, Brief Chapter Meeting, and Social Hour

MENU: Bada Bing DC - Spiedies and Cheesesteak Food Truck

REGISTRATION: Not Required

CONTACT: Kyle Nedlik
(Please call, text, or email me at below with any questions or if you get lost)

E: [Email Me!](mailto:kyle.nedlik@ashrae.org)

C: (607) 321-6100

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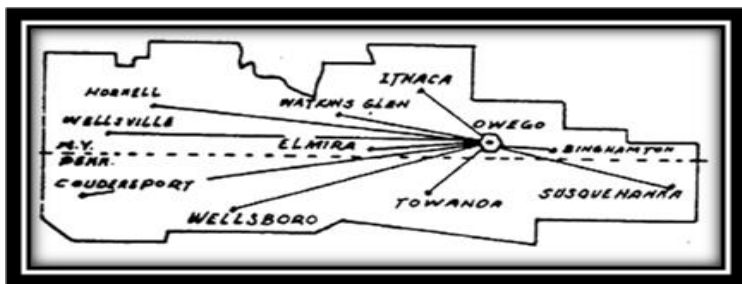
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What Were They Thinking???



Whole house window air conditioner.

**Do you have a funny, “unique”, or just plain horrible installation picture?
Please send them to the Editor at anice@meiersupply.com**

***** All names/brands are removed to protect the guilty. *****



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TRAINING



New York State Professional Engineers Self Study Ethics PDH Available!

As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help you stay abreast of your professional responsibilities, has developed this short, self-study educational activity in ethics.

This educational activity is based on the New York State Education Law Articles 130 and 145, the Rules of the Board of Regents Parts 1, 3, 17, 18, 28, 29, 31, and the Regulations of the Commissioner of Education Parts 59 and 68. It is strongly recommended that, prior to taking the self test, you review these [foundational materials](http://www.op.nysed.gov/prof/pels/pelaw.htm) (<http://www.op.nysed.gov/prof/pels/pelaw.htm>) on the engineering web site.

Once you have reviewed the foundational materials, proceed to complete the self test below. When you have completed the self test, click the "Get your score" button at the bottom of the page. You should print this screen and save it as evidence of satisfactory completion of this educational activity. A score of 90% or greater will allow you to claim 1 Professional Development Hour (PDH) of educational activity credit in ethics ONCE in each three-year registration period. Retain your printed screen for no less than 6 years from the date of completion.

Take Your PE Ethics Self Test Here!

<http://www.op.nysed.gov/prof/pels/peceselftest.htm>



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INDUSTRY ARTICLE

Governor Cuomo Announces More Than 200 Communities Have Earned Clean Energy Community Designation

www.governor.ny.gov

By Press Office of NYS Governor September 12, 2018

More Than 200 Communities Across the State Have Completed More Than 1,250 Clean Energy Actions Clean Energy Communities Initiative Recognized by Clean Energy States Alliance with the 2018 State Leadership in Clean Energy Award Supports New York's Goal of 50 Percent of Electricity from Renewable Sources and 40 Percent Reduction of Greenhouse Gas Emissions by 2030.

Governor Andrew M. Cuomo today announced more than 200 communities across the state have earned the Clean Energy Community designation, completing more than 1,250 total high-impact clean energy actions. The designation recognizes community leadership in reducing energy use, cutting costs and driving clean energy, all supporting the state's clean energy goals. The Clean Energy Community initiative advances the Governor's Reforming the Energy Vision strategy by demonstrating the importance of communities in helping New York achieve the state's goal to supply 50 percent of its electricity from renewable energy resources and reduce greenhouse gas emissions by 40 percent by 2030.



"New York is a national leader in combating climate change, and this significant milestone demonstrates that communities in every corner of this great state are committed to our efforts to create a more sustainable future," **Governor Cuomo said**. "These 200 communities serve as a model for cities and towns across this state and this nation to reduce energy use and preserve our environment for generations to come." Announced by Governor Cuomo in August 2016, the \$16 million Clean Energy Communities initiative supports local governments across the state by providing grants to eligible municipalities to implement energy efficiency, renewable energy and sustainable development projects in their communities.

"Communities across the state are undergoing projects to help cut costs and support clean energy," **said Lieutenant Governor Kathy Hochul**. "More than 200 communities in New York have earned the Clean Energy Community designation, further advancing our aggressive clean energy goals to reduce greenhouse gas emissions. New York is leading in our efforts to combat climate change, and municipalities statewide are helping to make sure our environment is clean and safe now and for future generations."

Overall, the 1,255 high-impact clean energy action items were completed by communities representing more than 86 percent of the state's population in 60 counties and all 10 Economic Development Council regions. Some of the largest communities across New York State have been designated Clean Energy Communities, including the City of New York, Albany County, St. Lawrence County, Suffolk County and the Town of Hempstead. View a [map](#) showing Clean Energy Communities, actions completed and communities engaged in the Clean Energy Communities initiative.





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INDUSTRY ARTICLE

Governor Cuomo Announces More Than 200 Communities Have Earned Clean Energy Community Designation (Cont.)

More than 450 communities are participating in the Clean Energy Communities initiative and have completed at least one high-impact action. The following table highlights participation in each region of the state:

The Clean Energy Communities initiative was recently honored as a recipient of the Clean Energy States Alliance 2018 State Leadership in Clean Energy Award. Clean Energy Communities was one of six programs nationwide to win the 2018 award for its outstanding accomplishments with public benefits and results, cost effectiveness, leadership and innovation, and replicability.

Department of Environmental Conservation Commissioner Basil Seggos said, "New York recognizes and supports community efforts to help achieve Governor Cuomo's ambitious greenhouse gas reduction goals. I applaud the achievements of the designated Clean Energy Communities across the state and hope that others are inspired by their outstanding example."

Richard Kauffman, Chair of Energy and Finance for New York State

said, "Congratulations to all the Clean Energy Communities for taking significant actions to reduce their carbon footprint and cut costs. Communities continue to play an important role in supporting Governor Cuomo's Reforming the Energy Vision strategy to advance and build a cleaner, more resilient and affordable energy system to combat climate change."

Region	Designated Clean Energy Communities	Participating Communities (Completed At Least One Clean Energy Action Item)	Clean Energy Actions Completed
Capital Region	25	44	141
Central New York	26	84	201
Finger Lakes	22	56	139
Long Island	25	38	122
Mid-Hudson	31	57	180
Mohawk Valley	18	43	112
New York City	1	1	5
North Country	15	24	73
Southern Tier	21	58	141
Western New York	25	49	141
Total	209	454	1,255



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INDUSTRY ARTICLE

Governor Cuomo Announces More Than 200 Communities Have Earned Clean Energy Community Designation (Cont.)

Alicia Barton, President and CEO, NYSEDA, said, "I congratulate the Clean Energy Communities across the state that are realizing the opportunities to reduce their energy usage and costs while providing a cleaner environment for their residents. Governor Cuomo has made it a priority to ensure local communities have access to resources and technical assistance to assist them in their efforts to reduce their carbon footprint."

Senate Energy and Telecommunications Committee Chair Joseph Griffo said, "There are now 200 communities throughout New York State that have received a Clean Energy Community designation, which is given to communities who have shown leadership in their efforts to reduce energy use. I would like to congratulate all the Clean Energy communities across the state for serving as an example of sustainable energy practice for all New Yorkers."

Assembly Energy Chairman Michael Cusick said, "Encouraging communities to use clean energy alternatives is an important step toward reaching our State's energy goals. By investing in green energy products, we are creating a more sustainable future for the next generation of New Yorkers to building a cleaner, more resilient New York for all. I'm encouraged by these results and look forward to seeing more communities implement clean energy practices."

Cities, counties, towns and villages that complete at least four of 10 high-impact clean energy actions are designated as Clean Energy Communities and are eligible to apply for funding of up to \$250,000 to finance additional clean energy projects. Areas with fewer than 40,000 residents are eligible to apply for up to \$100,000 in funding. NYSEDA is accepting applications for funding on a rolling basis through September 30, 2019 or until funds are exhausted, whichever comes first. Grant funds are being provided as part of the Clean Energy Fund and the Regional Greenhouse Gas Initiative.

The 10 High Impact Actions local governments can take to earn a Clean Energy Community designation and qualify to apply for grant funding include:

- Benchmarking energy use at municipal and large privately-owned buildings;
- Performing energy efficiency and renewable energy upgrades to municipal buildings;
- Replacing street lights with energy-efficient LED lighting;
- Streamlining local approval processes for solar projects through adoption of the NYS Unified Solar Permit;
- Undertaking a community-based Solarize campaign to reduce solar project costs through joint purchasing;





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INDUSTRY ARTICLE

Governor Cuomo Announces More Than 200 Communities Have Earned Clean Energy Community Designation (Cont.)

- Undertaking a community-based Solarize campaign to reduce solar project costs through joint purchasing;
- Providing energy code enforcement training to code officers;
- Earning Climate Smart Communities Certification by reducing the community's impact on the environment;
- Passing a local law to allow aggregation of residents to gain greater choice and control over energy use as a group (called Community Choice Aggregation);
- Installing electric vehicle charging stations and using alternative fuel vehicles, such as electric cars, for municipal business; and

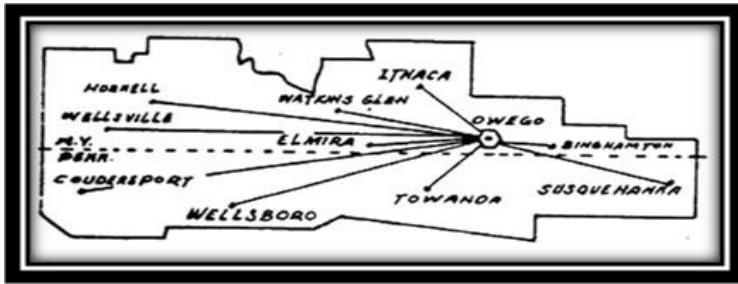


- Establishing an Energize NY Finance Program that enables long-term, affordable Property Assessed Clean Energy financing for energy efficiency and renewable energy projects at commercial buildings and not-for-profits.
- Clean Energy Community Coordinators are also available at no charge to help communities develop and prioritize clean energy goals; access easy-to-use resources, such as guidance documents and case studies; and take advantage of available funding and technical assistance opportunities.

Local government officials or employees can find contact information for their respective coordinator [here](#) for assistance in completing the actions.

For more information on Clean Energy Communities visit www.nyserda.ny.gov/cec.

"Governor Cuomo Announces More Than 200 Communities Have Earned Clean Energy Community Designation" *New York State Governor Andrew M. Cuomo*. Press Office of the New York State Governor, 12 Sept. 2018. Web. 14 Sept. 2018. <<https://www.governor.ny.gov/news/governor-cuomo-announces-more-200-communities-have-earned-clean-energy-community-designation>>.



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 - May perform Project Manager duties as needed.
- Some travel to site locations or other Stantec offices may be required.

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Education and Experience

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A minimum of 8 – 12 years' experience is required

This description is not a comprehensive listing of activities, duties or responsibilities that may be required of the employee and other duties, responsibilities and activities may be assigned or may be changed at any time with or without notice.

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Twin Tiers Chapter– Business Cards Advertisement for Newsletter

ADVERTISE your business card:

- Current business card adds will expire at the end of this year, December 31, 2018.
- New subscription will run the calendar year 2018.
 - Cost to advertise for the 2018 year is \$50.
- Sign up now for the 2018 year On Pay Pal <http://twintiers.ashraechapters.org>

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- The company must be associated with HVAC&R technology.
- The company must be a local service provider, a local manufacturer, or a manufacturer's representative serving the area.

If you aren't sure, just ask.

We are now accepting business card advertisements for the newsletters that will be published in 2018. This is a great opportunity to get your name and business in front of the over 250 subscribers to our chapter newsletter. The price for the newsletter only is \$50 for the entire 2018 year.

Business card ads can be placed using a scanned electronic copy of your business card, or you can mail your card to me (please no staples or paper clips).

Questions? Call or email
Thank you for your support!
Andrew Nice

Twin Tier Newsletter Editor Email

American Society of Heating, Refrigerating,
and Air-Conditioning Engineers, Inc.



Comments? Suggestions?

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We welcome your feedback!



ASHRAE Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigerating and related human factors to serve the evolving needs of the public and ASHRAE members.

Ethics Requirement for PE

PE's in NYS will be required to have one hour of Ethics within their 36 hours of continuing education for registration periods beginning August 1, 2011 and after.

ASHRAE Vision Statement

ASHRAE will be the global leader in the arts and sciences of heating, ventilation, and air conditioning.

ASHRAE will be foremost authoritative, timely, and responsive source of technical and education information, standards and guidelines.

ASHRAE will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

***Advancing HVAC&R to
serve humanity and pro-
mote a sustainable world"***

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