



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 2020-2021



January Meeting

January 19, 2021

Virtual Presentation & Tour!

PRESENTATION & TOUR:

SUNY BINGHAMTON ENGINEERING BUILDING

Donald Harris, PE, LEED AP

Delta Engineers, Architects, & Surveyors

To register, visit the Chapter website:

<http://twintiers.ashraechapters.org>

Please send all newsletter comments to:

Andrew Nice, Newsletter 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,

Happy New Year to all our dedicated chapter members! We hope everyone enjoyed our December meeting - thank you to all of those who attended. The topic that our distinguished lecturer, Dr. Stephanie Taylor, presented was very applicable to the current pandemic.

Our January chapter meeting will be a lunch hour virtual tour of Binghamton University's recently completed renovations to the Engineering Building. This project was designed by both Binghamton University and Delta Engineers and received the ACEC NY Engineer Excellence Gold Award. The project included upgrades to all the original mechanical and electrical systems in the 3-story classroom building. The use of large open shop and classroom spaces was broken up into suites of offices and smaller classrooms. Also included in the renovation were large energy improvements to the building envelope, ventilation systems, and energy reclaim. The presentation will be given by one of our own past presidents, Donald Harris PE, of Delta Engineers.

January is also our Chapter's annual "Membership Promotion" meeting. The beginning of the year is a great time to renew your membership for the upcoming year. As a reminder, membership in ASHRAE provides access to, and discounts on industry publications, as well as continuing education courses and opportunities for professional development, networking with other industry professionals, local building tours, and much more. If you have any questions on your current or past membership and membership renewal, please reach out to Chris Wolak at c129mp@ashrae.net or visit <http://twintiers.ashraechapters.org/page-membership.html>

As always, if you would like to get involved in the chapter operations or events, please feel free to reach out to me or any other board member you may know. We are always looking for new volunteers for the

Thank you,
Devin Shapley
ASHRAE Twin Tiers 2020-2021 Chapter President

Chapter President



Devin Shapley
(607) 723-9421
[Email Me!](#)

2020-2021 Chapter Officers

President-Elect
Adam Keller
(315) 484-9526
[Email Me!](#)



Vice President
Matthew Lloyd
(607) 239-3956
[Email Me!](#)



Treasurer
Victoria Kramer
(607) 321-6127
[Email Me!](#)



Secretary
Dana Schmidt
315-920-0487
[Email Me!](#)

Newsletter Disclaimer Statement

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

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	Young Eng. In ASHRAE
MIN/ PAR	600/1200	550/1050	300/700	500/650	100/300	500/800	800/1050	500/800	300/800
Current	580	550	430	150	240	770	1020	200	700

POINTS CURRENT AS OF 1/18/2021

Chapter Committee Chairs

Technology Transfer Adam Keller (315) 484-9526 Email Me!	Government Activities Adam Keller (315) 484-9526 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 Devin Shapley (607) 723-9421 Email Me!	Meeting Reception Victoria Kramer (607) 321-6127 Email Me!	H.O. Ward Scholarship Richard Sanguinito (607) 231-6605 Email Me!
Research Promotion Michael McGinnis 607.727.3168 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 Devin Shapley (607) 723-9421 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium– Fall/Spring Matthew Lloyd (607) 239-3956 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 Kyle Nedlik (607) 321-6100 Email Me!	Publicity Andrew Nice 607-760-5960 Email Me!



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

Twin Tiers Chapter– Monthly Meeting Information

2020-2021 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
22-Sep	Mark Davidson - Camfil USA	The Role of Air Filters in the Filtration and Disinfection COVID-19 Document	-
TBD	Multiple/TBD	Fall Engineering Symposium - VIRTUAL	-
17-Nov	Amir Refaat - Systemair	The Sound of Teaching: Bringing IQ back to the Classroom	-
15-Dec	Stephanie H. Taylor MD, M Architecture, CIC, FRSPH (UK)	Buildings Are Our Best Medicine	-
19-Jan	Donald Harris, PE, LEED AP Delta Engineers	Binghamton University Engineering Building Tour	-
16-Feb	Binghamton Arena / Hockey Game	Binghamton Arena Tour Membership Promotion Night	-
16-Mar	Panel Discussion Meeting	Student Night / YEA	-
20-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
18-May	New Brewery Tour	Refrigeration / Donor Recognition Night	-
15-Jun	None	Golf Tournament	-

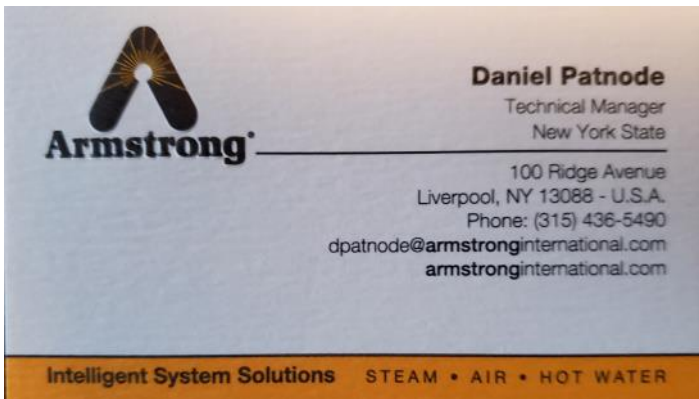
NOTE: Speakers and topics are subject to change based on availability.

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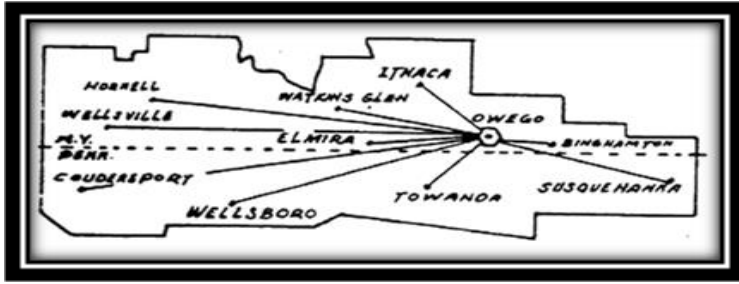
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January Chapter Meeting Announcement

January 19, 2021

ASHRAE Twin Tier January Chapter Meeting

DATE: Tuesday, January 19th, 2021

TIME: 12:00 (noon) PM

MEETING LOCATION: Virtual Meeting

SPEAKER: Donald Harris, PE, LEED AP, Delta Engineers, Architects, & Surveyors
Past President of Twin Tiers Chapter

DESCRIPTION: The renovation of The BU Engineering Building designed by Binghamton University and Delta Engineers recently received the ACEC NY Engineer Excellence Gold Award. The project included upgrades to all mechanical and electrical systems in the 3-story classroom building that still had many of the original systems. The use of the large open shop/classroom spaces had been broken up into suites of offices and smaller classrooms. Included in the renovation were large energy improvements to the envelope, windows, ventilation

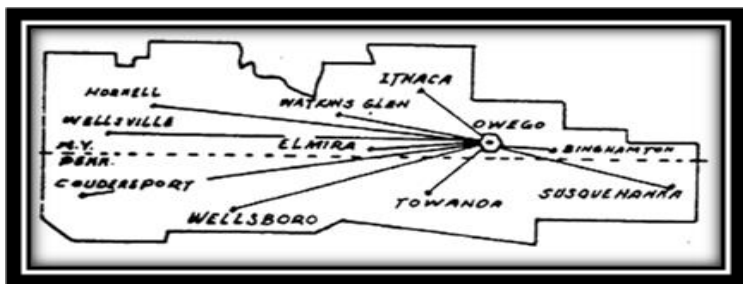
AGENDA: 12:00 – 12:10: Chapter Announcements, Meeting Introduction
12:10 – 1:00: Presentation / Tour Videos
1:00 – 1:15: Questions

REGISTRATION: [CLICK HERE TO DOWNLOAD THE WEBINAR LINK!](#)

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

E: [Email Me!](#)

C: (315) 484-9526



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

Twin Tiers Chapter–
Business Cards Advertisement for Newsletter
ITS NOT TOO LATE!
To ADVERTISE your business card:

- Current business card adds will expire at the end of this year, December 31, 2021.
 - New subscription will run the calendar year 2021.
 - Cost to advertise for the 2021 year is \$50.
- Sign up now for the 2021 year On Pay Pal <http://twintiers.ashraechapters.org/page-newsletter.html>

Or Send Check and copy of business card to Twin Tier News Letter Editor:

Meier Supply Co.

Attn: Andrew Nice

275 Broome Corporate Parkway

Conklin, NY 13748

- Email a copy of your business card to [Twin Tier Newsletter Editor Email](mailto:twintiernewsletter@ashraechapters.org).
- From Web site please visit: <http://twintiers.ashraechapters.org/page-newsletter.html>
 Go to the News Letter tab, and place your order to advertise your business card.

Business Card Advertising 2021

The Twin Tiers Chapter of ASHRAE can accept business card advertising with the following provisions:

- 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 2021. 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 2021 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](mailto:twintiernewsletter@ashraechapters.org)



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

ASHRAE Twin Tiers Chapter Research Promotion

Dear ASHRAE Twin Tiers Member or Research Promotion (RP) Supporter,

As the RP Chair and a fellow member of the Twin Tiers Chapter, I wanted to personally ask you for your help in supporting ASHRAE Research. ASHRAE's research program, established in 1912, supports 140 research projects with a combined value of more than \$15 million. Research focus includes energy and resource efficiency, indoor environmental quality, design, operation and management tools, alternative technologies, and materials and equipment. This year in particular, research dollars have been used to help study and provide recommendations to prevent the transmission of COVID-19. ASHRAE RP is accepting donation to go directly to COVID-19 research (see below).

For ASHRAE COVID-19 Technical Resources:

<https://www.ashrae.org/technical-resources/resources>

For Research Information please see the following flyer:

[ASHRAE RP Informational Flyer](#)

You can either donate directly with a credit card, see link below:

ASHRAE RP: <https://xp20.ashrae.org/secure/researchpromotion/rp.html>

ASHRAE COVID RP: <https://xp20.ashrae.org/secure/foundation/covid.html>

or send a check to:

ASHRAE Research Promotion
Attn: Julia Mumford
180 Technology Parkway
Peachtree Corners, GA 30092

Make check payable to "RP Donation-ASHRAE Twin Tiers"

The chapter sends a huge **Thank You** to the following who have donated last year:

- Mark Mattina – Honor Roll
- Glenn Roberts – Honor Roll, Full Circle
- Adam Keller – Full Circle
- Kyle Nedlik – Full Circle
- Devin Shapley – Full Circle
- Art Monoco
- Victoria Kramer – Full Circle
- Matt Lloyd – Full Circle
- Matt Hawley
- Plumbers and Pipe Fitters Union 112 – Honor Roll
- Joe O'Hara
- Southern Tier Custom Fabricators – Honor Roll
- Ray Millard
- Mike McGinnis – Honor Roll, Full Circle

As a reminder, starting 7/1/2019, Honor Roll level contributions listed in ASHRAE's October Journal Issue start at \$150.00 for individuals and \$500.00 for companies. Honor Roll level is required to achieve the ASHRAE coin.

Email me or come see me (virtually) at a Chapter Meeting if you have any questions.

Mike McGinnis
Twin Tiers Research Promotion Chair
[Email Me](#)



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Twin Tiers Chapter - December BOG Meeting Minutes



<http://twintiers.ashraechapters.org>

Board of Governors Meeting

Date: December 15, 2020

Location: Video Conference Call

Agenda

Meeting was called to order at: 4:07pm

- Call to Order and Attendance:
 - Attended: (10) Devin Shapley, Adam Keller, Alison Kran, Jason Gilbert, Chris Wolak, Rob VanSkiver, Matt Lloyd, Victoria Kramer, Dana Schmidt, Mike McGinnis
- Item to Discuss:
 - Vote to approve the November Meeting Minutes
 - Open Floor: Check to make sure Jason is on ASHRAE emails.
 - November Meeting Turnout with fee: \$100 overall
- Treasurer's Report (Victoria Kramer):
- Could not refund Travis- maybe give him extra sign next year? Needed to refund Day for 2 golf slots.
- Victoria to let Andy know about Business Cards.
 - Account Balances: All accounts are in good standing.
 - Develop plan and fill out paperwork to update authorized signers
 - New accounting software
 - Quick books online
 - **To purchase Xero** (cheaper, easier to use, unlimited log-ins, everything kept on the web, \$11/month, free 30 day trial)
 - Motion to Approve: Devin
 - Second: Adam
 - Vote to Approve: All approved
 - Devin and Victoria to work together to set up
 - PayPal account updates
 - Jacob Schatz? Is attached to account. Linked to Social Security number
 - Need to look into changing name/unlinking SSN. Might need to call to edit
 - Additional M&T cards sent to Mike M & Travis F
- CTC (Adam Keller/Matt Lloyd):
 - Update on the year's proposed calendar of events
 - Adam to update meeting flyers to state any donations/proceeds to go to RP fund when sending out announcement meetings.
 - Option: Switch meeting time to evening?
 - Tour New Nursing School/Virtual Tour
 - February: Webinar
 - March: TBD



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Twin Tiers Chapter - December BOG Meeting Minutes (Cont.)

- April: Symposium (Matt to lead).
 - Most likely will not be able to happen in person
 - Big virtual event vs smaller mini events/options?
 - Many have already received a large amount of PDHs this year
 - Last year- we did meeting/week
 - Go to= up to 250 Seats
 - Don't cancel with Holiday Inn yet. Leave for now.
- YEA (Kyle Nedlik):
 - Update on future event
- Copy and Pasted Notes from November Meeting Minutes:
 - Late February-May: Panel and video tours? March?
 - Jason to offer extra credit
 - If we do virtual tour, we should do a test run. To avoid kinks do prerecorded video.
 - Set up another meeting to discuss
 - Panel- for a variety of job fields, a variety of mechanical systems, work life balance,
 - Set up separate planning group
 - Library of ~5 minute videos to detail different equipment. Focus on larger pieces of equipment, more interesting.
 - List of equipment, locations, assigned person
 - 6-8 pieces of equipment w/ questions to fit time span
 - Kyle to send follow up/sign up list.
 - Focus on more systematic view vs individual pieces of equipment
 - Jason to send Kyle list of equipment
 - Follow up meeting
- Membership Promotion (Chris Wolak):
 - Mike to help with Society Delinquency Report
- GGAC (Adam Keller):
 - Attended meeting around beginnings of conversations with NYSERDA and ASHRAE
- Student Activities (Jason Gilbert):
 - Students to Start in February
- Research Promotion (Glenn Roberts / Mike McGinnis):
 - Nothing to Add
- History (Rick Sanguinito)
 - Gave brief history today at meeting



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Twin Tiers Chapter - December BOG Meeting Minutes (Cont.)

- Special Events
 - Golf committee PayPal access
 - Maybe assign only 1 person in committee to access account- to revisit
- PAOE (Devin Shapley): See below (as of 12/15/2020)
 - Reminder to chairs that they can update PAOE points.
 - Please review any points that are to be assigned by the region and reach out to the responsible person as required
 - Updated points today. Everyone has ability to update points online.

CATEGORY	PAR	MIN	PTS
<u>Chapter Operations*</u>	1200	600	570
<u>Chapter Technology Transfer*</u>	1050	550	550
Communications	700	300	430
<u>Governmental Affairs*</u>	650	500	50
Historical	300	100	240
<u>Membership Promotion*</u>	800	500	895
<u>Student Activities*</u>	800	500	200
<u>RP*</u>	1050	800	1020
<u>YEA</u>	800	300	700
Total	3/6 and 5/8	8/8	

Pts – Have NOT Achieved Min

Pts – Have Achieved Min, but not PAR

Pts – Have Achieve PAR

- PAOE: Minimum in 5 of the following 6 categories: Chapter Operations, Chapter Technology Transfer, Governmental Affairs, Membership Promotion, RP and Student Activities - **Achieved**
- Special Citation: Minimum in 5 of the 6 categories, with a minimum of 5,500 points - **Incomplete**
- STAR: PAR in all categories - **Incomplete**
- Honor Roll: PAOE for at least four consecutive years - **Achieved**
- High Honor Roll: STAR for at least four consecutive years - **Achieved**
- Premier: PAOE every year since the chapter's inception or since 1970; minimum of four years; chapter's first year is excluded - **Achieved**

- New Business

Meeting was adjourned at 5:05

Motioned: Devin

Second: Chris



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What Were They Thinking???



JENGA!!!

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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ashrae.org/certification



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1. Read the *Candidate Guidebook*

Visit ashrae.org/certification and download the guidebook for the program in which you are interested.

2. Complete the Application

The ASHRAE Member discounted application fee is \$395 (non-member – \$545).

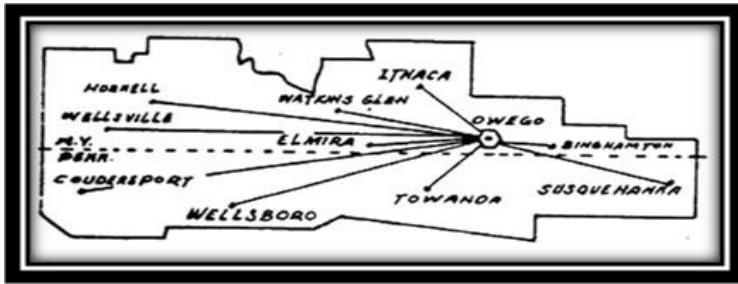
3. Schedule an Examination

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4. Renew the Certification

Each certification is renewable every three years.

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News

FOR IMMEDIATE RELEASE

Media Contact:

Karen Buckley Washington
Public Relations Specialist
kbwashington@ashrae.org

ASHRAE Learning Institute Releases New HVAC Design Training Schedule

Registration now open

ATLANTA (November 16, 2020) – **Registration** is now open for HVAC Design and Operations training through ASHRAE Learning Institute (ALI). The training will run from December 2020 through June 2021.

"As technology continues to change, the need for training that incorporates the latest building performance solutions will become critical," said 2020-21 ASHRAE President Chuck E. Gullett III, P.E. "ASHRAE's HVAC Design training offers comprehensive professional development that is useful in addressing the today's industry challenges."

In light of COVID-19 and the safety of ASHRAE course participants, the HVAC Design trainings will be held online.

HVAC Design: Level I – Essentials provides intensive, practical training ideal for recent technical or engineering school graduates and engineers new to the HVAC field. Developed by industry-leading professionals selected by ASHRAE, the training provides attendees with the fundamentals and technical aspects of HVAC design, installing and maintaining HVAC systems, that can be put to immediate use.

HVAC Design Level II – Applications provides instruction in HVAC system design for experienced HVAC engineers and those who have completed the

HVAC Design: Level I – Essentials. The training covers the technical aspects of design and methods to increase energy savings through innovation in HVAC design.

[MORE INFORMATION & REGISTRATION HERE!](#)

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



Comments? Suggestions?

Andrew Nice, Editor
c/o Meier Supply Co.
275 Broome Corporate Parkway, Conklin, NY 13748
anice@meiersupply.com

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"***

Twin Tiers Chapter Mailing Address:
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P.O. Box 6706
Ithaca, NY 14851-6706