



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



May Meeting

May 25, 2021
Virtual Presentation

PRESENTATION: **ASHRAE TECH HOUR:** **Commissioning** **(1PDH)**

Jay Enck, CxAP, HBDP, BEAP, CPMP,
LEED Fellow, LEEP AP
Reinhard Seidl, P.E.

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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Corner

President's

Dear Twin Tiers Chapter Members,

Thank you to those who attend the first session of the annual Spring Symposium last month. A special thank you to our speakers who presented, Rob Zerillo, Pat Graef, and Michael Licastro. Topics included electric snow melt, business ethics for the hvac professional, and sensorless or sensorless variable speed pump control.

There are a couple of items coming up that I would like to remind our members of:

- The second session for the annual Spring Symposium will be held on Thursday June 10th. The second session will again be virtual, and a flyer will be sent out soon with registration and program info.
- Our annual golf and clambake outing will be held on Tuesday, June 15 at The Links at Hiawatha. Early bird registration pricing will be available until May 28 and regular registration ends on June 4. A flyer will be circulating with additional info. If you have any questions, please contact Travis Fisher at tf222@cornell.edu.

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 chapter.

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!](#)

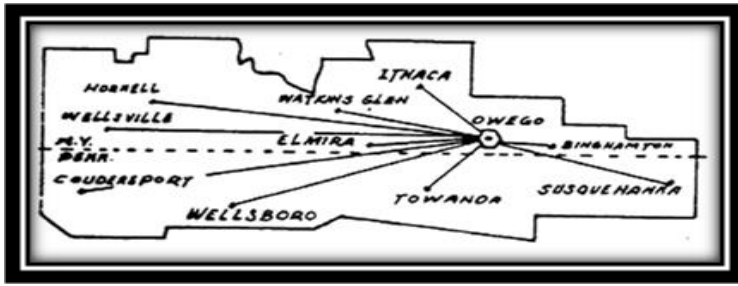


Secretary
Dana Schmidt
315-920-0487
[Email Me!](#)



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

Twin Tiers Chapter

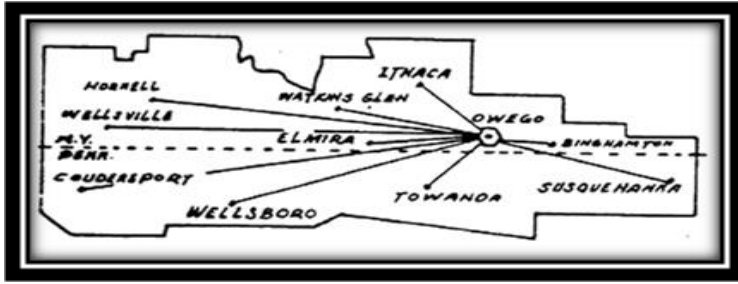
Presidential Award of Excellence (PAOE)

	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	1225	1100	710	350	640	830	1180	850	1100

POINTS CURRENT AS OF 5/18/2021

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	Alex Pedrosa, Application Engineer Fulton Heating Solutions, Inc.	Hydronic Design and Control Strategies for Condensing Boilers	38
16-Mar	Magnetic Bearing Chillers for Central Plant Design	Fabio Alexandre, Smardt Inc. Rob VanSkiver, H&V Sales Group	-
20-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
25-May	Jay Enck, CxAP, HBDP, BEAP, CPMP, LEED Fellow, LEEP AP Reinhard Seidl, P.E.	Commissioning	-
15-Jun	None	Golf Tournament	-


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

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



**Thank you
Sponsors!**

2021 Business Cards



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Technical Manager
New York State

100 Ridge Avenue
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Phone: (315) 436-5490
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Email: joe.o'hara@camfil.com
www.camfil.com

Joe O'Hara, NCT
Branch Sales Manager

Mike McGinnis
Sales Engineer - Southern Tier
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mmcginnis@rlkistler.com
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StarkTechGroup.com



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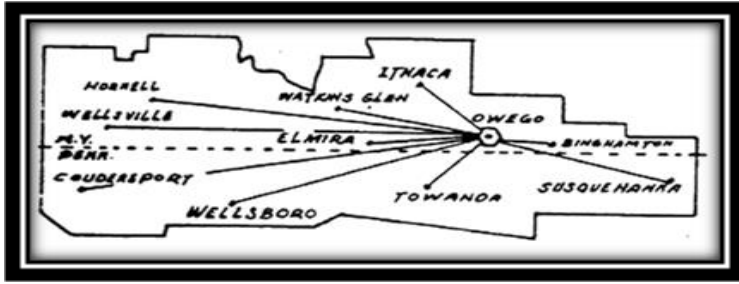


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45 Lewis Street • Binghamton, NY 13901



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

MayChapter Meeting Announcement

May 25, 2021

ASHRAE Twin Tier May Chapter Meeting

DATE: Tuesday, May 25th, 2021

TIME: 12:00 (noon) PM

MEETING LOCATION: Virtual Meeting

SPEAKER: Jay Enck, BCxP, HBDP, BEAP, LEED Fellow, LEEP AP
Reinhard Seidl, P.E.

DESCRIPTION: When it comes to commissioning for new or existing buildings, it's important to analyze the impact of climate change and evolving technology. This Tech Hour will dive into evaluating building characteristics and usage patterns that affect building energy footprint and occupant productivity, in addition to data presentation and communications to facility managers and O&M staff.

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

REGISTRATION: No registration necessary.

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 Annual Golf Tournament!](#)



Annual Golf Tournament and Clambake

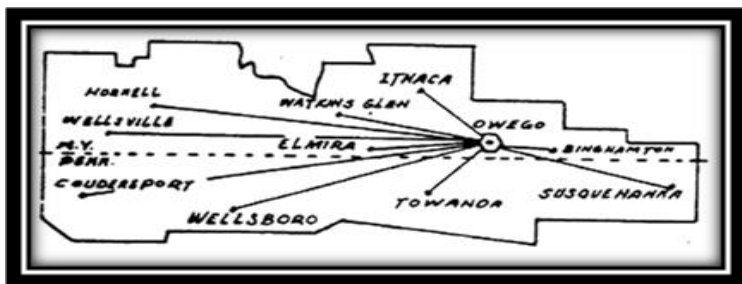
The date for the annual golf tournament and clambake is **Tuesday, June 18.** The event, both golf and clam bake, will be held at **The Links at Hiawatha Landing**. The day will begin with a 10:30am shotgun start. As in past years, the round will include lunch at the turn and keg beer all day. We will have prizes for the winning foursome, closest to pin and drive closest to the line. With its great success over the past few years, the putting contest will also be returning.

The clambake will take place immediately after golf, approximately 4pm. The menu will include 2 dozen steamed clams per person, thin sliced ribeye steak sandwiches with sautéed onions/peppers/mushrooms, chicken spiedies, salt potatoes, corn on the cob, garden salad, soft drinks, and beer. There will be door prizes. Our hope is to see lots of non-golfers join all the golfers from earlier in the day.

As always, the golf committee is looking for donations for door prizes and giveaways. Please contact [Mike McGinnis](#) or [Travis Fisher](#) with any questions.

[CLICK HERE to visit our website for more information or register!](#)

THANK YOU!!!



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

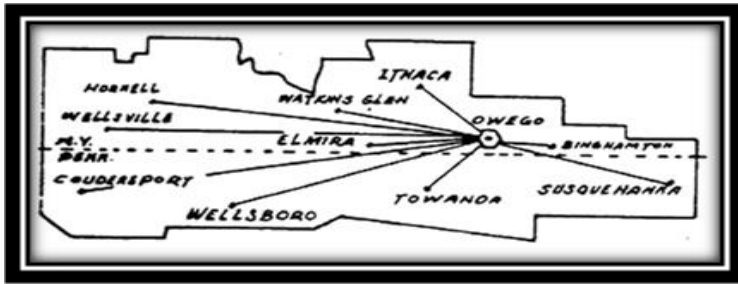
As a reminder, starting 7/1/2019, Honor Roll level contributions listed in ASHRAE's October Journal Issue start at \$150.00 for individuals and \$500.00 for companies. Honor Roll level is required to achieve the ASHRAE coin.

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 - April BOG Meeting Minutes



<http://twintiers.ashraechapters.org>

Board of Governors Meeting

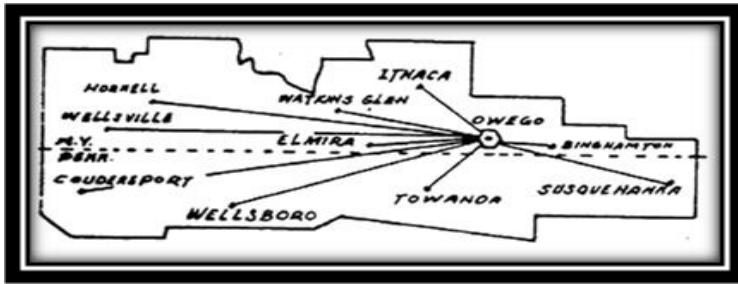
Date: April 20, 2021

Location: Video Conference Call

Agenda

Meeting was called to order at: 4:08

- Call to Order and Attendance:
 - Attended: Devin Shapley, Chris Wolak, Ibrahima Balde, Travis Fisher, Adam Keller,
 - Rob VanSkiver, Matt Lloyd, Mike McGinnis, Rick Sanguinito, Victoria Kramer
 - Call-in:
- Item to Discuss:
 - Vote to approve the March Meeting Minutes- Vote next month
 - Open Floor
- Treasurer's Report (Victoria Kramer):
 - All accounts are in good standing.
 - First, \$5.50 zero accounting software subscription- Confirmed.
- CTTC (Adam Keller/Matt Lloyd):
 - Update on the year's proposed calendar of events
 - Forego gathering and do virtual meeting again
 - Adam to finalize in next week or two
 - Under PAOE for presentation
 - Spring Symposium updates
 - First Session
 - 17 people attended
 - Pros- Software very simple, user-friendly, and functional from a presenter's point of view
 - Cons- No options available for attendees. No chat, option to talk, hand raise, etc.
 - Set up YouTube channel so we can live stream event.
 - Matt to send live stream to Jason for students. Will include Q&A.
 - On Demand Webinar Option? - Take recordings from today and have them as an option to purchase/watch for PDH credits.
 - Speaker evaluation forms- Possibly not a requirement due to covid and webinar combination.
 - Second Session- Tentative date is May 11th.
 - Presenters were not confirming.
 - Mike McGinnis- Has potential boiler plant presenter that is already approved.



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Twin Tiers Chapter - April BOG Meeting Minutes (cont.)

- YEA (Kyle Nedlik):
 - After inputting point from YEA Panel event, PAOE Par has now been exceeded for the year, so we are all set.
 - Jason should look into if points can be added for Student Activities as a result of the student panel as well – upon quick glance not sure.
 - Just had new YEA Member join, at 20 total for the Chapter currently, had 24 at June of 2020.
 - Going to hold off on additional YEA Events until next year, hopefully can do an outdoor social event in September/October timeframe and go from there.
 - Kyle is interested in continuing as YEA Chair for another year
- Membership Promotion (Chris Wolak):
 - PAOE for MP- 50 points for hosting
- GGAC (Adam Keller):
 - To touch base with regional contact this week about points
- Student Activities (Jason Gilbert):
 - So far has received no scholarships
 - Update points for student activities (Input BU student panel points)
- Research Promotion (Glenn Roberts / Mike McGinnis):
 - Hit par
 - Reached out to local mechanical companies for money donations
 - \$126.22- take from symposium and putting it to RP.
 - \$50.00 from business cards
 - Mike to get Victoria final numbers to update report
- History (Rick Sanguinito)
 - To finish timeline and report to send out
 - Will keep archives in office
- Special Events
 - Golf / Clam Bake updates
 - Post in newsletter and start sending out announcements



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Twin Tiers Chapter - April BOG Meeting Minutes (cont.)

- PAOE (Devin Shapley): See below (as of 04/15/2020)
 - 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.

CATEGORY	PAR	MIN	PTS
<u>Chapter Operations*</u>	1200	600	1175
<u>Chapter Technology Transfer*</u>	1050	550	1100
Communications	700	300	710
<u>Governmental Affairs*</u>	650	500	350
Historical	300	100	640
<u>Membership Promotion*</u>	800	500	820
<u>Student Activities*</u>	800	500	200
RP*	1050	800	1180
YEA	800	300	975
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
 - Chris Phelan called to discuss CRC & President Elect Training and looking for input from chapters:
 - Would like to shift CRC to in person business meeting only with only delegates and alternates attending. Will likely move to Albany area. (two days)
 - Would be Devin and Adam
 - President Elect training in person in June (one day)?

Meeting was adjourned at 4:44 _____

Motioned: Adam _____

Second: Chris _____



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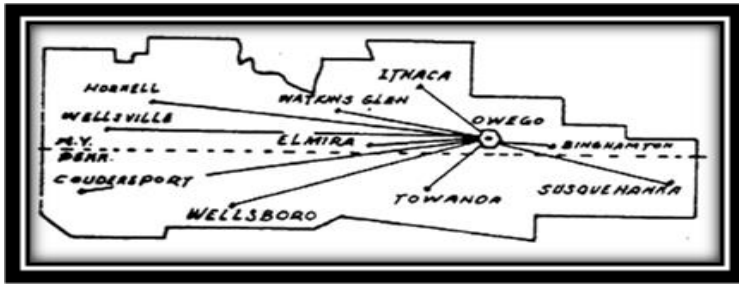
What Were They Thinking???



Introducing the new ductless vertical wall mounted indoor units!

**Do you have a funny, “unique”, or just plain horrible installation picture?
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***** 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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TRAINING



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. Gullette III, P.E. "ASHRAE's HVAC Design training offers comprehensive professional development that is useful in addressing the today's industry challenges."

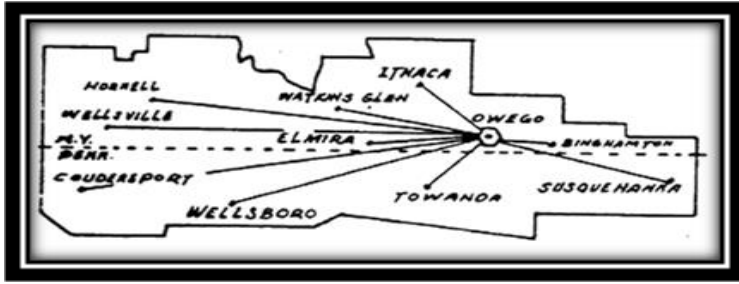
In light of COVID-19 and the safety of ASHRAE course participants, the HVAC Design trainings will be held online.

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.

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.**



Comments? Suggestions?

Andrew Nice, Editor
c/o Meier Supply Co.
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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"***

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