



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 2021-2022



Shaping Tomorrow's Built Environment Today

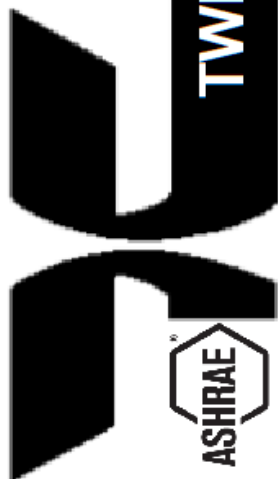
October Meeting October 19, 2021

TOUR:

Sheet Metal & Piping Fabrication Shop Tour



TWIN TIERS TALK



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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President's

Corner

Dear Twin Tiers Chapter Members,

Thank you to everyone who attended our September Meeting at the Factory by Beer Tree. The meeting featured a behind-the-scenes look of Beer Tree's brewing processes, as well as some insight into the challenges they faced during the renovation of the former mall space. It was great to see everyone in person again at a monthly meeting.

This month's meeting will be held on Tuesday, October 19th and will feature a tour/dinner meeting at Southern Tier Custom Fabricators, Inc. (STFC) facility in Elmira, NY. The tour will explore STFC's 65,000 square foot campus, comprised of three buildings. The tour will cover all steps of the process from CAD drafting to fabrication. STFC specializes in Sheet Metal fabrications and Air Handling systems for the commercial and industrial marketplaces. Dinner will be provided after the tour by Hill Top Inn Catering. Please keep an eye out for our email flyer or visit the chapter website for all the meeting information and registration details.

We also had a successful Young Engineers in ASHRAE Event (YEA) last week at the Polar Shot driving range in Johnson City. The driving range session was followed by a Happy Hour and Networking event at the Pour House Pub. Thank you to everyone who attended, and if you missed the event, please keep an eye out for our next YEA event.

For those who may be wondering about the status of the annual NYSSPE Southern Tier Engineering Symposium that is typically held around this time of year – the event will not be held this year.

Again, thank you for your support and we look forward to what the rest of the year will bring.

Sincerely,
Adam Keller
Twin Tiers Chapter President

Chapter President



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

2021-2022
Chapter Officers

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



Vice President
Dana Ehrets
(315) 920-0487
[Email Me!](#)



Treasurer
Alison Kran
(631)806-5977
[Email Me!](#)

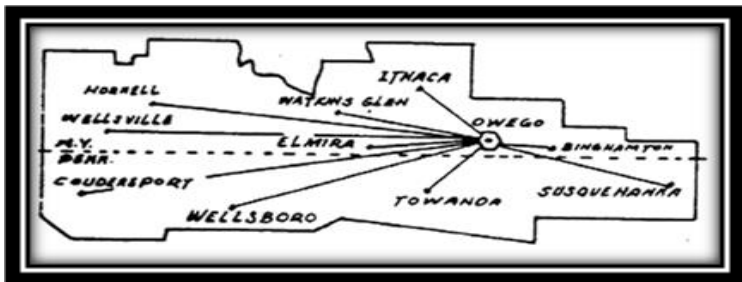


Secretary
Devin Shapley
(607)723-9421
[Email Me!](#)



Newsletter Disclaimer Statement

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

Twin Tiers Chapter

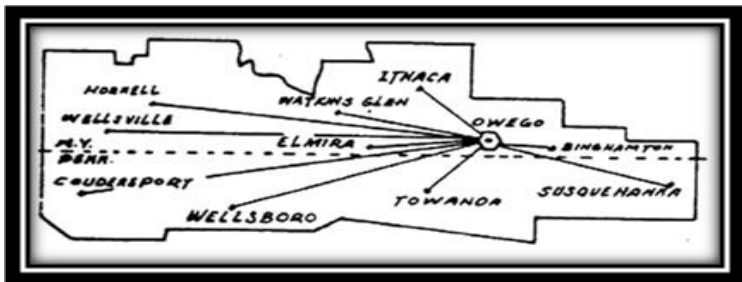
Presidential Award of Excellence (PAOE)

	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	0	0	0	0	130	400	100	100	725

POINTS CURRENT AS OF 10/18/2021

Chapter Committee Chairs

Technology Transfer Victoria Kramer (607) 321-6127 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 Adam Keller (315) 484-9526 Email Me!	Meeting Reception Alison Kran (631) 806-5977 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 Adam Keller (315) 484-9526 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium– Fall/Spring Dana Ehrets (315) 920-0487 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

2021-2022 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
21-Sep	TOUR - Factory By Beer Tree	Brewery Tour & “Welcome Back” Social Hour	-
Oct-19	TOUR—Southern Tier Custom Fabricators	Sheet Metal & Piping Fabrication Shop Tour	-
16-Nov	ASHRAE Distinguished Lecturer	Virtual Presentation (PDH) & Breakout Sessions	-
21-Dec	TBD	Technical Presentation (Statler Hotel) Past President & History Night	-
18-Jan	TOUR - Corning	Corning Facility Tour Membership Promotion Night	-
15-Feb	ASHRAE Distinguished Lecturer	Virtual Presentation (PDH) & Breakout Sessions	-
15-Mar	TOUR - SUNY Broome Culinary School	SUNY Broome Culinary School Tour Refrigeration, Student, & YEA Night	-
19-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
17-May	TOUR - Binghamton University Nursing School	Tour and Presentation of BU School of Nursing Donor Recognition Night	-
7-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

Armstrong business card for Daniel Patnode, Technical Manager, New York State. Includes contact info and Armstrong logo.

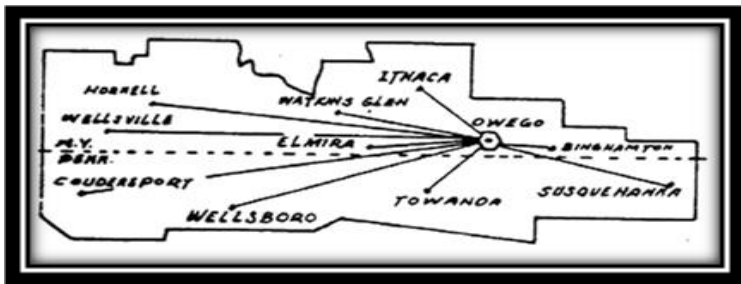
Camfil USA, Inc. business card for Joe O'Hara, NCT Branch Sales Manager. Includes contact info and Camfil logo.

Kistler business card for Mike McGinnis, Sales Engineer - Southern Tier. Includes contact info and Kistler logo.

MEIER SUPPLY CO., INC. business card for Andrew Nice, Commercial HVAC Sales Engineer. Includes contact info and Meier Supply logo.

Advertisement for business cards with text: 'YOUR BUSINESS CARD COULD BE HERE!' and 'Your business card could be seen by hundreds of potential clients every month!' featuring a surprised emoji.

POPLI DESIGN GROUP business card for Joseph Parisella, PE, CPD Sr. Mechanical Engineer. Includes contact info and Popli Design Group logo.



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

October Chapter Meeting Announcement

October 19, 2021

ASHRAE Twin Tier October Chapter Meeting

DATE: Tuesday, October 19th, 2021

TIME: 5:00 PM - 8:00 PM

MEETING LOCATION: 1322 College Ave, Elmira, NY 14901

SPEAKER: Southern Tier Custom Fabricators

DESCRIPTION: This month's tour will explore Southern Tier Custom Fabricator's 65,000 square foot campus, comprised of three buildings. The tour will cover all steps of the process from CAD drafting to fabrication. STCF specializes in Sheet Metal fabrications and Air Handling systems for the commercial and industrial marketplace.

More information can be found on STCF's website: <http://stcf.com/>

Safety glasses are required for the tour. Please bring your own if you have them.

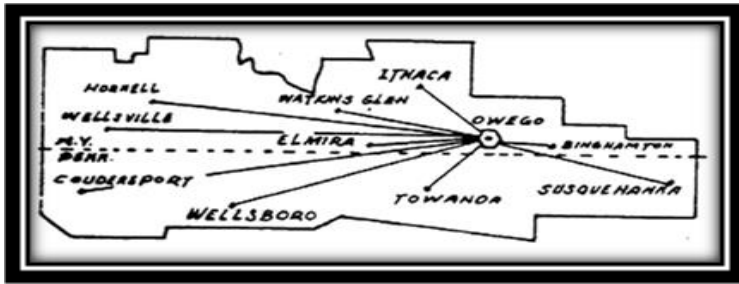
STCF COVID Policy:

Temperature checks (via walk up scanner) are required upon entering the facility. Masks optional for vaccinated attendees. Masks will be available at the front entrance.

AGENDA:
5:00 – 5:15: Arrival and Check-In
5:15 – 6:45: Tour
6:45 – 8:00: Dinner and Chapter Meeting at STCF

REGISTRATION LINK [REGISTER HERE!](#)

CONTACT: Victoria Kramer
(Please call, text, or email me at below with any questions or if you get lost)
E: [Email Me!](#)
C: (607) 742-0619



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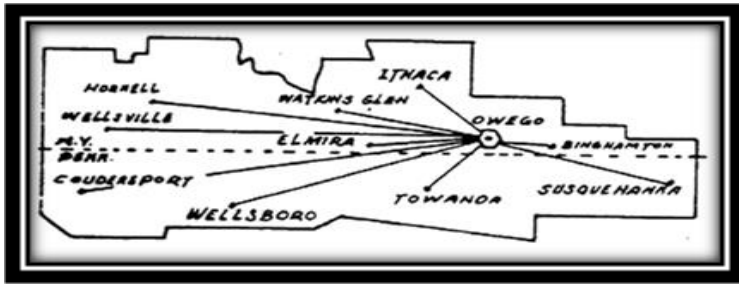
What Were They Thinking???



Did you turn your head to the side?

**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!

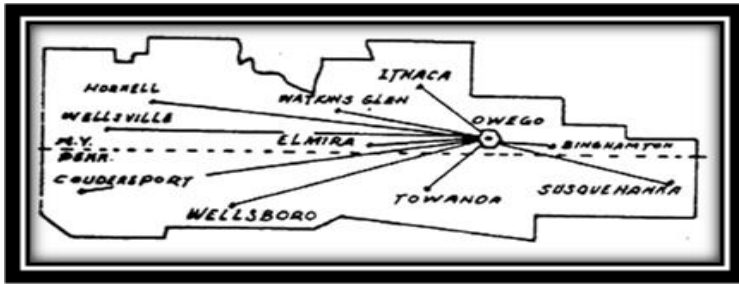
As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help 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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TRAINING



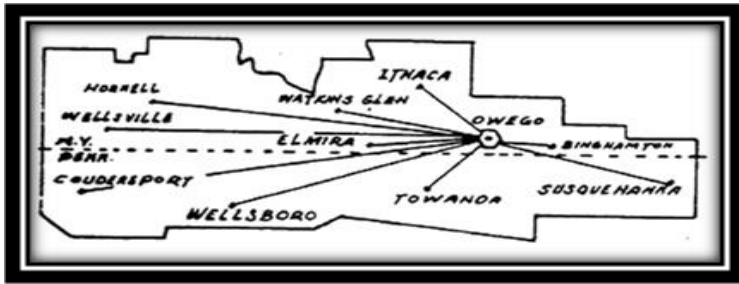
New York State Professional Engineers
Need a few extra PDH?
FREE Online Courses are Available!

www.aecdaily.com

www.ronblank.com

The above websites offer free online courses that are approved for credit!





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

INDUSTRY ARTICLE

Governor Hochul Announces \$9.5 Million to Establish the Empire Technology Prize Program and Advance Building Decarbonization in New York State

www.governor.ny.gov

By Press Office of NYS Governor October 16, 2021

Governor Kathy Hochul today announced \$9.5 million to establish the Empire Technology Prize program, an ambitious new corporate challenge aimed at advancing building decarbonization across New York State. The funding will support a qualified program administrator to manage the program and provide seed money for the competition which will attract, incorporate, and scale building climate solutions from around the world to achieve carbon-neutrality in existing multifamily buildings at least eight stories high or commercial buildings at least 15 stories high. This announcement supports the Climate Leadership and Community Protection Act (Climate Act) nation-leading goal calling for an 85 percent reduction in greenhouse gas emissions by 2050.

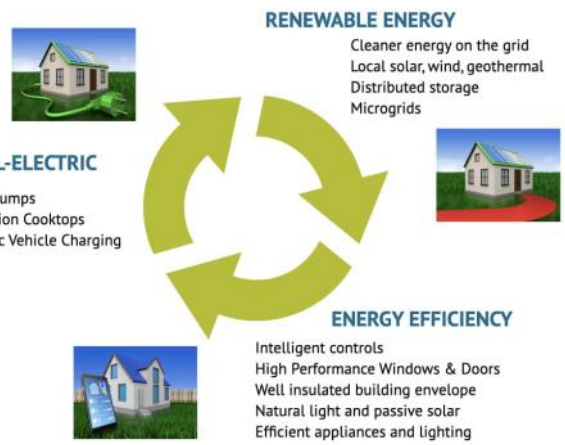
"Buildings are the leading cause of greenhouse gas emissions in New York State, and we need to ramp up tangible solutions that decarbonize buildings faster to fight climate change," **Governor Hochul said.** "Through this initiative, we are creating the bridge between innovative solutions and multifamily and commercial building owners who can benefit from those solutions to chart a more sustainable, low carbon future."

Administered by the New York State Energy Research and Development Authority, the Empire Technology Prize program is designed to be both a business accelerator and a prize program by combining business support with monetary awards to advance low carbon retrofit approaches.

NYSERDA is currently accepting applications for the program administrator who will be awarded up to \$1.7 million through 2024 to engage industry partners in a competitive corporate challenge to facilitate the deployment of carbon emission reducing technologies. NYSERDA is dedicating an additional \$7.8 million for prizes under the program, with the program administrator expected to grow the prize pool by leveraging private sector partnerships and investments.

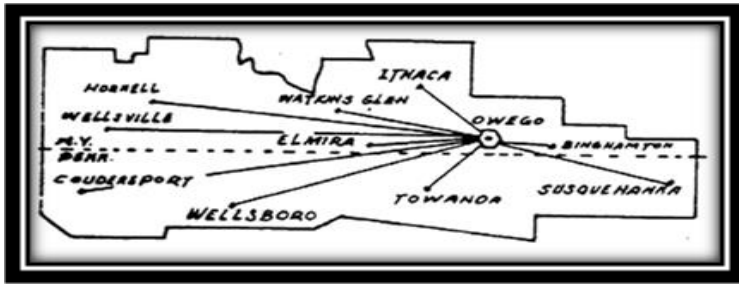
NYSERDA President and CEO Doreen M. Harris said, "This program will connect industry professionals with innovators to ensure usable, sustainable solutions are developed and have a pathway to market. We are focused on engaging private industry to lead market change, decarbonize commercial and multifamily buildings and create a greener, cleaner future that benefits all New Yorkers."

NYSERDA will accept [applications](#) through November 17, 2021 from qualified single organizations or teams of organizations to be the program administrator, co-develop and manage the Empire Technology Prize program. A scoring committee will evaluate the proposals based on the applicant's past track record of creating successful corporate challenges with activities including global recruitment, industry-focused convening, business acceleration support, strategic partnership facilitation, and leveraging private dollars. The prize program itself will launch in 2022.



DECARBONIZATION OF THE BUILT ENVIRONMENT





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INDUSTRY ARTICLE

Governor Hochul Announces \$9.5 Million to Establish the Empire Technology Prize Program and Advance Building Decarbonization in New York State (Cont.)

Senator Kevin Parker said, "As Chair of the Senate Energy and Telecommunications Committee, I applaud NYSERDA and the Governor's office for making the Empire Technology Prize program a reality. I stand eager to continue working with NYSERDA to promote initiatives that advance New York's progressive energy and jobs agenda."

Assemblymember Michael Cusick said, "Building decarbonization is one of the most crucial components in achieving our statewide energy and environmental goals. The Empire Technology Prize Program will be a creative and effective tool for decarbonizing some of our states worst greenhouse gas emitting buildings and this program will make a significant impact in our efforts to reduce emissions."

This program builds on the market insight gathered through the successful [Empire Building Challenge](#), announced in September 2020, a public-private partnership to spur economic growth in New York through solutions to decarbonize tall commercial and multifamily buildings in conjunction with some of the world's largest real estate holders, manufacturers, technology experts, and entrepreneurs.

Buildings are responsible for one third of the economy-wide greenhouse gas emissions in New York State, and many of the more than six million buildings across the State were constructed before the energy code and are not designed to be energy efficient. Through NYSERDA and utility programs, over \$6.8 billion is being invested to decarbonize buildings across the State. By improving energy efficiency in buildings and including onsite storage, renewables, and electric vehicle charging equipment, the State will reduce carbon pollution and achieve the ambitious target of reducing on-site energy consumption by 185 trillion Btus by 2025, the equivalent of powering 1.8 million homes. Energy efficiency accounts for 75 percent of the clean energy jobs across New York and the state's ambitious plan to reduce carbon pollution will result in an additional \$1.8 billion in societal and environmental benefits.

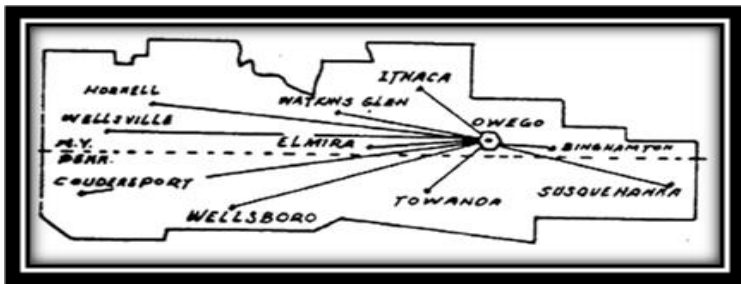
The Empire Technology Prize program is supported through NYSERDA's Innovation program which helps early-stage companies with technical assistance and business development resources through entrepreneurial support, and manufacturing scale-up. NYSERDA has invested more than \$28 million in entrepreneurial support programs since 2009, supporting nearly 349 companies and generating more than 1,140 jobs. More than \$780 million in private investments and \$200 million in project finance capital have been leveraged while helping bring more than 440 new and improved clean energy products to market, including LED lighting systems, home appliances, longer-lasting batteries, and more efficient heating-and-cooling systems.

Funding for this initiative is through the State's 10-year, \$5.3 billion Clean Energy Fund. More information about this funding is available on NYSERDA's [website](#).

New York State's Nation-Leading Climate Act

New York State's nation-leading climate agenda is the most aggressive climate and clean energy initiative in the nation, calling for an orderly and just transition to clean energy that creates jobs and continues fostering a green economy as New York State recovers from the COVID-19 pandemic. Enshrined into law through the Climate Leadership and Community Protection Act, New York is on a path to achieve its mandated goal of a zero-emission electricity sector by 2040, including 70 percent renewable energy generation by 2030, and to reach economy wide carbon neutrality. It builds on New York's unprecedented investments to ramp-up clean energy including over \$21 billion in 91 large-scale renewable projects across the state, \$6.8 billion to reduce buildings emissions, \$1.8 billion to scale up solar, more than \$1 billion for clean transportation initiatives, and over \$1.2 billion in NY Green Bank commitments. Combined, these investments are supporting more than 150,000 jobs in New York's clean energy sector in 2019, a 2,100 percent growth in the distributed solar sector since 2011 and a commitment to develop 9,000 megawatts of offshore wind by 2035. Under the Climate Act, New York will build on this progress and reduce greenhouse gas emissions by 85 percent from 1990 levels by 2050, while ensuring that at least 35 percent with a goal of 40percent of the benefits of clean energy investments are directed to disadvantaged communities, and advance progress towards the state's 2025 energy efficiency target of reducing on-site energy consumption by 185 trillion BTUs of end-use energy savings.

"Governor Hochul Announces \$9.5 Million to Establish the Empire Technology Prize Program and Advance Building Decarbonization in New York State" *New York State Governor Kathy Hochul*. Press Office of the New York State Governor, 16 Oct. 2021. Web. 18 Oct. 2021. <<https://www.governor.ny.gov/news/governor-hochul-announces-95-million-establish-empire-technology-prize-program-and-advance>>.



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

[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, 2021.
 - New subscription will run the calendar year 2022.
 - Cost to advertise for the 2022 year is \$50.
- Sign up now for the 2022 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:Andrew.Nice@meiersupply.com).

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 2022

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 2022. 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 2022 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:Andrew.Nice@meiersupply.com)

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"***

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