



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

November Meeting November 16, 2021

PRESENTATION:

The Future of Refrigerants (1 PDH)
Steve Kujak -
ASHRAE Distinguished Lecturer

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](#)

Inside this issue:

President's Corner	2
PAOE	3
Chapter Events Calendar	4
Business Card Advertising	5
Nov. Meeting Details	7
History Articles	8
Training Events	11
Industry Articles	13



Corner

President's

Dear Twin Tiers Chapter Members,

Thank you to everyone who attended our October Chapter Meeting, which featured an in-depth tour of Southern Tier Custom Fabricators facility in Elmira. A big thank you goes out to Art and Ian Morrell for taking the time to show us around their 65,000 square foot campus. They provided insight into their day-to-day processes and let us see some of the impressive machinery in action.

This month's meeting will be held virtually on Tuesday, November 16th and feature an ASHRAE Distinguished Lecturer presentation. Steve Kujak (ASHRAE Distinguished Lecturer) is the Director of Next Generation Refrigerants Research for Trane Technologies. Steve will be presenting "The Future of Refrigerants" (1 PDH credit available). New societal environmental demands to control climate change are driving the development of new regulatory policies to restrict and lower the direct GWP (global warming potential) impact of F-gases. This presentation will provide an update on new lower GWP alternatives introduced into the marketplace and will highlight some important considerations, particularly flammability, that engineers, designers, and owners should keep in mind regarding next-generation refrigerants.

As always, thank you to our members for your support. If you are interested in becoming more active with the chapter in any capacity, we are always looking for volunteers to join our Board/Committee positions. If you are interested, please reach out to any of our board members or feel free to ask them any questions face to face at one of our next in-person meetings.

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
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Vice President
Dana Ehrets
(315) 920-0487
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Treasurer
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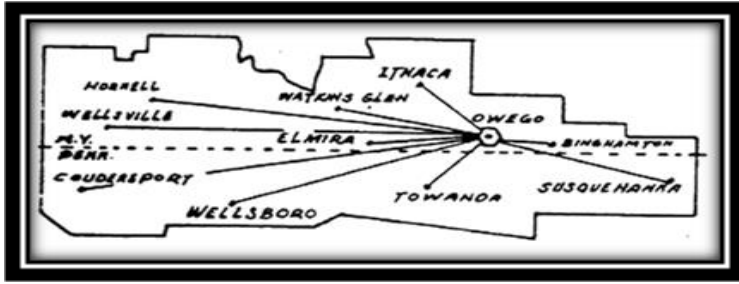


Secretary
Devin Shapley
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American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

Twin Tiers Chapter

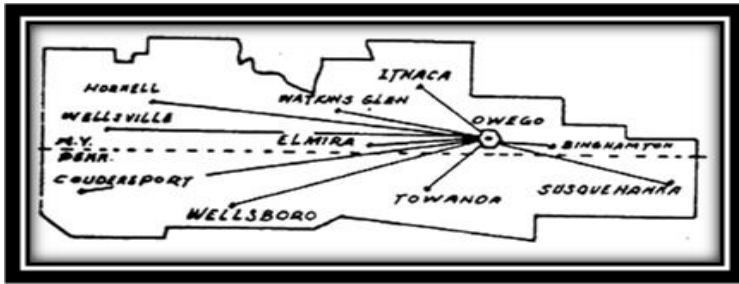
Presidential Award of Excellence (PAOE)

	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.



2021 Business Cards



Daniel Patnode
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New York State

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Mobile: 315-727-2302
Email: joe.o'hara@camfil.com
www.camfil.com

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Branch Sales Manager

Mike McGinnis
Sales Engineer - Southern Tier
O: 607-727-3168
mmcginnis@rlkistler.com
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StarkTechGroup.com



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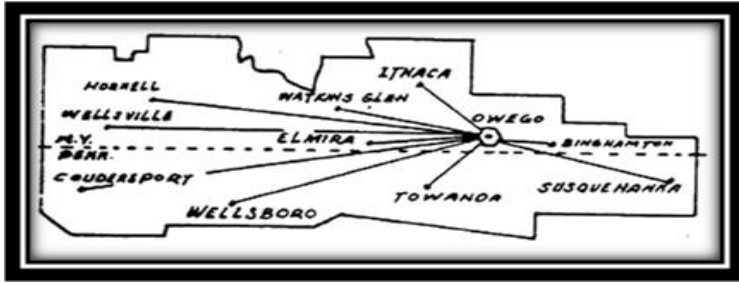


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American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

Twin Tiers ASHRAE H.O. Ward Scholarship



By
Rick Sanguinito H.O. Ward Scholarship Chairman 2021-2022

H. O. WARD SCHOLARSHIP

Date: November 15, 2021

Twin Tiers Chapter,

We are offering scholarship opportunities for student members, children of members, grandchildren of members, nephews and nieces of members.

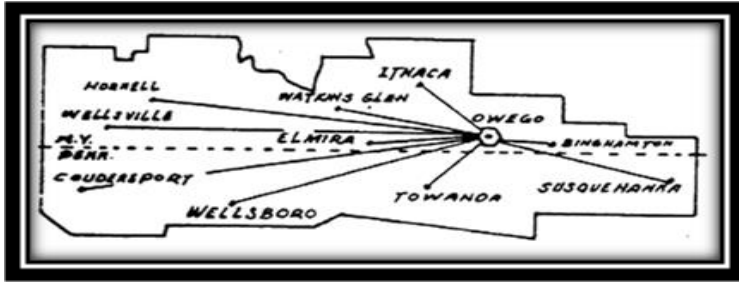
Please consider passing this application to your children or grandchildren. The program is guided for HVAC interest. This would include but not limited to:

- HVAC trade school students
- Engineering students in building programs
- Engineering students with an interest to become a Professional Engineer (Mechanical)
- Engineering students in manufacturing (HVAC equipment)
- Engineering / trade school student that can demonstrate how their study relates to HVAC aspect like building trades, equipment manufacturing, research and development, HVAC maintenance, etc..

We anticipate three awards; \$1,000, \$500, and \$500.

For more details and the application please visit our [WEBSITE](#).

APPLICATIONS MUST BE SUBMITTED BY
FEBRUARY 15, 2022



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

November Chapter Meeting Announcement

November 16, 2021

ASHRAE Twin Tier November Chapter Meeting

DATE: Tuesday, November 16th, 2021

TIME: 12:00 PM - 1:00 PM

MEETING LOCATION: Webinar

SPEAKER: Steve Kujak - ASHRAE Distinguished Lecturer

DESCRIPTION: New societal environmental demands to control climate change are driving the development of new regulatory policies to restrict and lower the direct GWP (global warming potential) impact of F-gases. The HVAC&R industry is currently being challenged to invest significant resources to understand the best refrigerants that meet the above requirements. However, there are many uncertainties and challenges given the ever-changing global regulatory environment, within regions, country, state, and sometimes locally by city.

Safe non-flammable low toxicity F-gases allowed for an exponential increase in the standard of living of society through increased food productivity, reduction in heat related deaths, increased worker productivity and migration of people to cities and to hotter climates. The orderly transition from CFCs to HCFCs and HFCs achieved a balance between the societal environmental demands for reduced ozone depletion while continuing to improve the standard of living in developing countries and minimize the societal safety (nonflammable refrigerants) impacts for everyone.

Today designers are being asked to consider new lower direct GWP unsaturated hydrofluorocarbons (HFOs) refrigerants, some of which are slightly flammable under certain conditions, as well as revisiting the application of natural refrigerants, like carbon dioxide, ammonia, hydrocarbons, and water.

This presentation will provide an update on new lower GWP alternatives introduced into the marketplace and will highlight some important considerations, particularly flammability, that engineers, designers, and building owners should keep in mind regarding next-generation refrigerants.

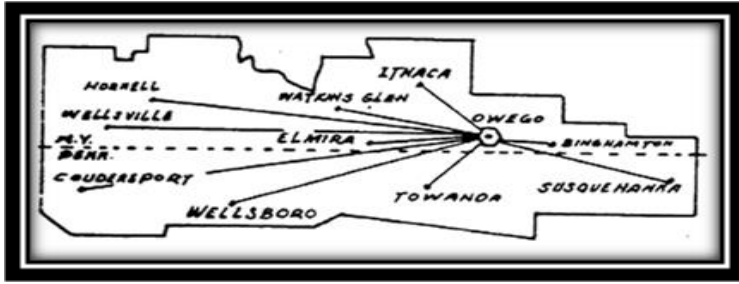
AGENDA:
 12:00 – 12:05: Chapter Announcements & Meeting Introduction
 12:05 – 12:50: Presentation
 12:50 – 1:00: Questions

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



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

History Report - OCTOBER



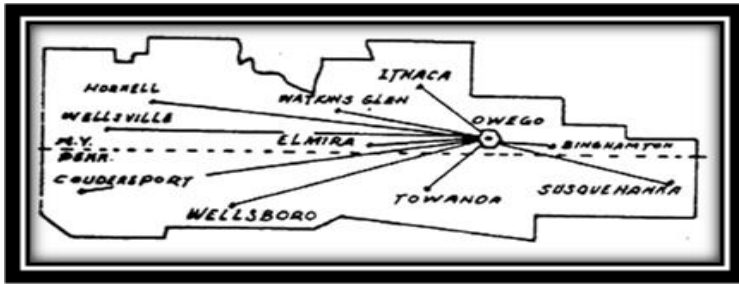
Chapter Historian Richard R. Sanguinito
Twin Tiers Chapter #129

CHAPTER TIMELINE 2021-2022

OCTOBER 19, 2021 – ASHRAE TWIN TIER OCTOBER CHAPTER MEETING

Event	Tour & Dinner Meeting Sheet Metal and Piping Fabrication Shop Tour
Time	5:00 PM
Location	SOUTHERN TIER CUSTOM FABRICATORS, INC. 1322 College Ave, Elmira, NY 14901
Activity	Sheet Metal and Piping Fabrication Shop Tour
Presenter	Southern Tier Custom Fabricators
Description	Topic 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.
Menu:	Dinner Buffet Catering by Hill Top Inn <ul style="list-style-type: none"> - Chicken Marsala - Roasted Red Potatoes - Fresh Baked Rolls - Pasta Primavera - Fresh Garden Salad - Assorted Cookies and Brownies
Agenda:	5:00-5:15: Arrival and Check-In 5:15-6:45: Tour of Southern Tier Custom Fabricators 6:45-8:00: Dinner and Chapter Meeting at STCF
Attendance:	Victoria Kramer, Adam Keller, Alex Merry, Maxwell Jones, Mark Schmitz, Joelle Taliento Wes Wheeler





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

History Report - OCTOBER - YEA EVENT



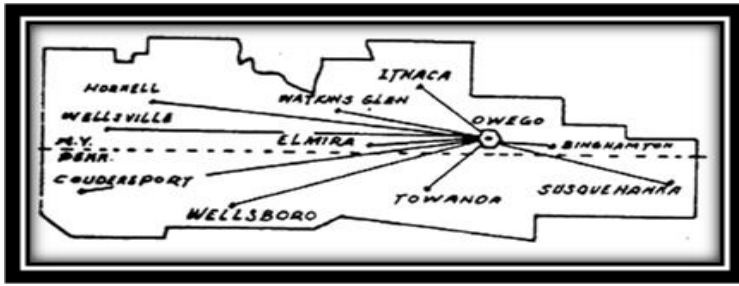
Chapter Historian Richard R. Sanguinito
Twin Tiers Chapter #129

CHAPTER TIMELINE 2021-2022

OCTOBER 6, 2021 – YEA (Young Engineers in ASHRAE) Event

Event	ASHRAE Twin Tier October YEA
Time:	4:30 PM
Location:	Driving Range Polar Shot , 4403 Watson Blvd, Johnson City, NY 13790 Happy Hour / Networking Pour House Pub and Grill 4402 Watson Blvd, Johnson City, NY 13790
Speaker:	NONE
Description:	Join other young engineers in ASHRAE (YEA) and fellow ASHRAE Chapter members for a driving range session at the Polar Shot Driving Range in Johnson City and Happy Hour networking across the street at Pour House Pub and Grill! Our driving range session will begin at 4:30, and the Happy Hour networking will begin at approximately 5:30pm. Young Engineers in ASHRAE (YEA) seeks to enhance member benefits for young professional ASHRAE members, 35 years old and younger, by identifying, creating, and supporting activities for development. The driving range golf ball costs and appetizers at the happy hour/networking session will be provided courtesy of the chapter at no cost.
Agenda:	4:30-5:30PM - Driving Range 5:30-7:30PM - Happy Hour and Networking Events
Summary:	We had 9 total people in attendance and the weather was perfect, 73 degrees and partly cloudy. Trane covered the cost of range balls for everyone at Polar Shot, and Trane and RL Kistler split the cost of appetizers and the first drink for everyone at the happy hour across the street at Pour House.
Attendees:	Kyle Nedlik Ibrahima Balde Tim Envid Shannon O'Brien Eric Zucker Mike McGinnis Jason Gilbert Glenn Roberts C.J.





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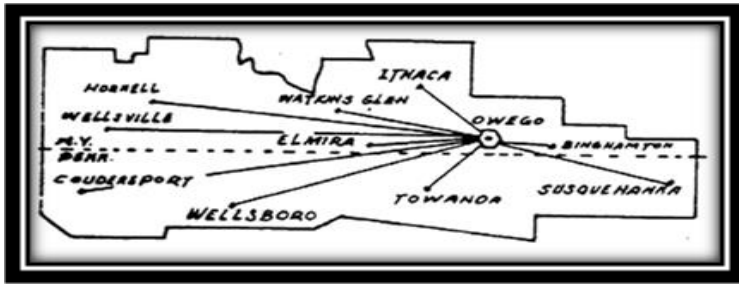
What Were They Thinking???



Reuse and Recycle?

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. ***



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

TRAINING



New York State Professional Engineers Self Study Ethics PDH Available!

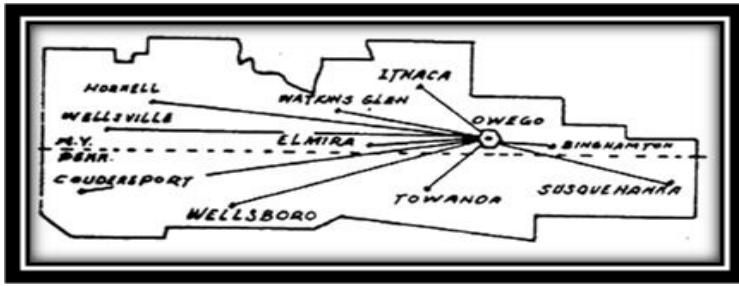
As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help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



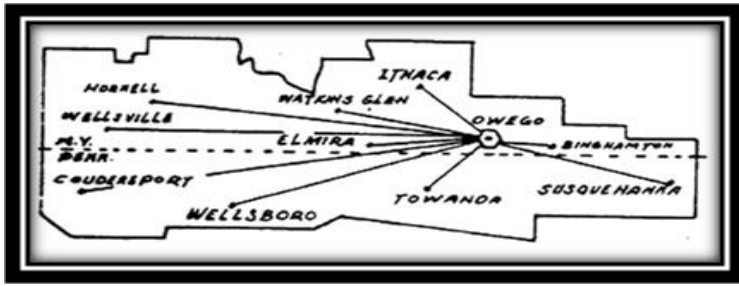
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INDUSTRY ARTICLE

Governor Hochul Announces Energy Efficient Upgrades for Affordable Housing Units

www.governor.ny.gov

By Press Office of NYS Governor November 10, 2021

Governor Kathy Hochul today announced the availability of \$5 million for a second round of pilot projects under the \$30 million RetrofitNY program. This program will help to advance whole-building deep energy efficiency upgrades that will substantially lower emissions from multifamily affordable housing. Projects funded through this initiative will support modernizing building renovation by demonstrating technology-based construction solutions that are expected to help create jobs, foster a tech savvy workforce in New York State and advance cost-effective replicable solutions, as part of the state's growing green economy. Today's announcement supports the State's nation-leading goal to reduce greenhouse gas emissions 85 percent by 2050, as outlined in the Climate Leadership and Community Protection Act (Climate Act).



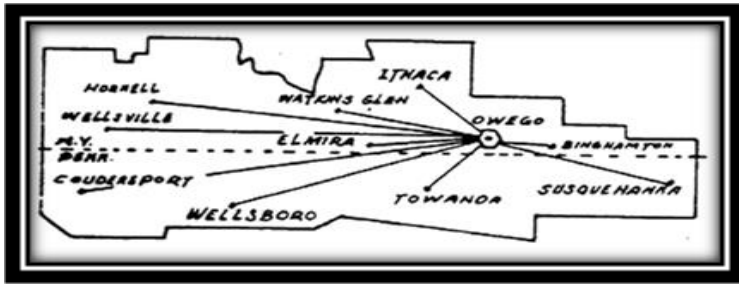
"Buildings contribute approximately one third of harmful emissions across the state," said Governor Hochul. "This holistic approach to transforming the building renovation industry will ensure New York State's building stock is cleaner, greener and healthier for all residents. Through the support of innovative digital technologies and construction and manufacturing processes, New York is further cementing itself as a leader in the utilization of clean energy."

Administered by the New York State Energy Research and Development Authority (NYSERDA), the RetrofitNY funding announced today seeks to support owners of eligible affordable housing buildings up to seven stories. The program helps building owners planning substantial renovations in their roofs, windows, and/or heating system replacements within the next two years. Owners of qualifying buildings may also be eligible for up to \$100,000 in design incentives. Eligibility will be determined through submission of a building renovation scope of work. Owners may also be eligible for up to an additional \$40,000 per dwelling unit, with a cap of \$1.6 million per building, subject to funding availability, to cover incremental costs for all electric, whole-building upgrades that put buildings on a path to carbon neutrality. This incremental funding is meant to bridge the gap between financing from other sources such as regulated housing agencies, bank loans and tax credits used for business-as-usual renovations. It allows building owners to seek renovations that achieve high performance and low carbon solutions with the goal of reaching fully carbon neutral renovation solutions in the future.



Doreen M. Harris, President and CEO, NYSERDA said, "To achieve our climate goals, more than 200,000 buildings a year need to be retrofitted across the state from now through mid-century and to do achieve this we need to identify innovative solutions that work for building owners and occupants. We are incentivizing building owners to go beyond making the usual renovations to undertake carbon neutral solutions that can create replicable processes for renovating whole buildings that both reduce building emissions and increase occupant comfort."

Whole-building retrofits incentivized under this program upgrade the building exterior through the use of off-site manufactured, panelized façade systems and other building efficiency upgrades to lower building energy use, as well as upgrading the mechanical systems to efficient all electric heat pump-based systems for heating, cooling and domestic hot water, including energy recovery ventilation, and integration of solar PV systems.



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

INDUSTRY ARTICLE

Governor Hochul Announces Energy Efficient Upgrades for Affordable Housing Units (Cont.)

Benefits of whole-building retrofits through RetrofitNY include:

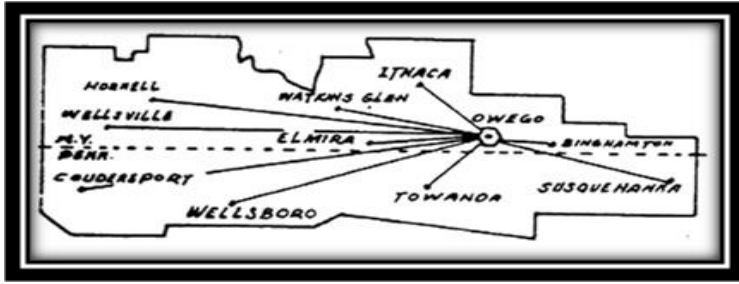
- Minimized occupant relocation during renovations due to use of building components manufactured off-site to shorten on-site construction times;
- Lower utility costs and other building operating expenses;
- Improved building resiliency during power outages;
- Enhanced indoor air quality through electrification and improved ventilation;
- Decreased outside noise penetration;
- Enhanced aesthetic appearance of buildings; and
- Compliance with building related local laws.

New York State's Nation-Leading Climate Plan

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 since 2015, 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 40 percent of the benefits of clean energy investments are directed to disadvantaged communities.



"Governor Hochul Announces Energy Efficient Upgrades for Affordable Housing Units" *New York State Governor Kathy Hochul*. Press Office of the New York State Governor, 10 Nov. 2021. Web. 15 Nov. 2021. <<https://www.governor.ny.gov/news/governor-hochul-announces-energy-efficient-upgrades-affordable-housing-units>>.



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

INDUSTRY ARTICLE

Governor Hochul Announces Opening of \$125 Million Plug Power Hydrogen Fuel Cell Innovation Center in Monroe County

www.governor.ny.gov

By Press Office of NYS Governor November 12, 2021

Governor Kathy Hochul today announced that leading alternative energy technology provider Plug Power Inc. has officially opened its new, \$125 million Innovation Center in the Town of Henrietta, Monroe County.

"Plug Power is a key partner in New York State's efforts to move both the state and the nation toward a more renewable future," **Governor Hochul said.** "The state-of-the-art Innovation Center will help to further establish New York State as a green energy leader. This innovative company's continued investment in statewide expansion is truly a testament to their commitment to create new, green jobs and to boost economic growth in their home state."

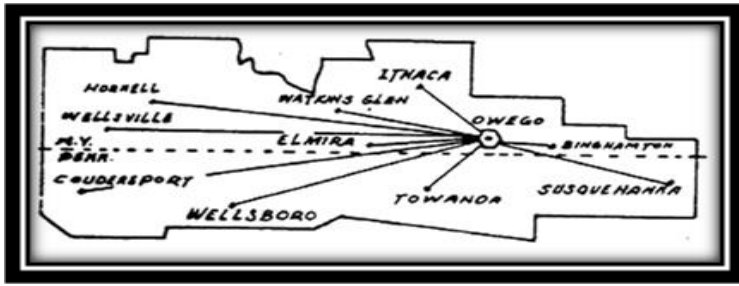


With today's announcement, Plug Power has established the world's first ever Gigafactory for Proton Exchange Membrane (PEM) technology where it will manufacture hydrogen fuel cell stacks and electrolyzers. The fuel cell stacks are used in its ProGen hydrogen fuel cell engines, which are used to power a variety of electric vehicles, including material handling equipment, on-road commercial fleet vehicles, and drones. The electrolyzers are utilized in the generation of green hydrogen from renewable electricity. The company is planning to create up to 377 new jobs at the John Street facility due to the support of Empire State Development, which is providing up to \$13 million in Excelsior Tax Credits, and the New York Power Authority, which is providing 5.1 megawatts of low-cost ReCharge NY power. Monroe County, Rochester Gas and Electric, and Greater Rochester Enterprise also assisted with the project.

Andy Marsh, CEO of Plug Power said, "We are pleased to welcome distinguished guests to the world's first PEM stack and electrolyzer Plug Power Innovation Center, here in New York State's Monroe County. This Rochester gigafactory positions Plug Power, and the region, as global leaders in PEM technology, driving scale and industry transformation in the global green hydrogen economy. I'd like to thank Governor Hochul, Senators Chuck Schumer and Kirsten Gillibrand, Congressman Joe Morelle, Empire State Development, NYPA, RG & E, Monroe County and Greater Rochester Enterprise for supporting and enabling us to grow jobs in Rochester, NY."

In addition to today's announcement, Plug Power recently broke ground on a \$290 million, state-of-the-art, green hydrogen fuel production facility and electricity substation at the Western New York Science, Technology and Advanced Manufacturing Park (STAMP) located in the Town of Alabama, Genesee County. The company, the first tenant at the manufacturing park, is also funding the construction of a 450-megawatt electricity substation on site that will support its hydrogen production facility and future growth opportunities at STAMP.





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

INDUSTRY ARTICLE

Governor Hochul Announces Opening of \$125 Million Plug Power Hydrogen Fuel Cell Innovation Center in Monroe County (Cont.)



In 2019, Plug Power announced plans to expand its presence in New York State, investing \$3.7 million to establish a Membrane Electrode Assemblies facility in Rochester's Eastman Business Park, creating more than 80 new jobs. The company had also previously announced an expansion plan in the Capital Region committing to investing nearly \$6.5 million to create more than 180 jobs statewide.

Founded in 1997 in Albany County, Plug Power created the first commercially viable market for hydrogen fuel cell technology, and as a result, has deployed over 38,000 fuel cell systems for e-mobility, more than any company in the world, and has become the largest buyer of liquid hydrogen, having built and operated a hydrogen highway across North America.

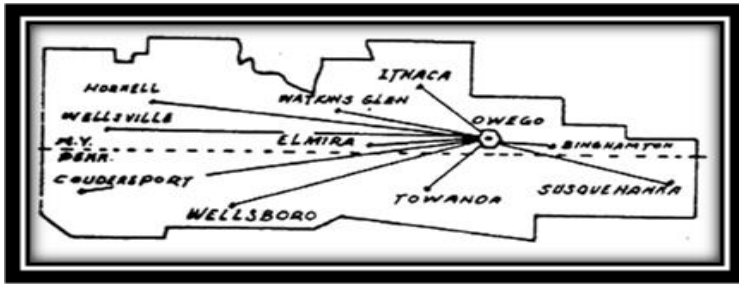


Plug Power announced a partnership earlier this year with SK Group, one of the leading South Korean business groups, to accelerate hydrogen as an alternative energy source in Asian markets. Through this partnership, both companies intend to provide hydrogen fuel cell systems, hydrogen fueling stations, and electrolyzers to the Korean and broader Asian markets. Plug Power is also partnering with Europe's second-largest automaker Groupe Renault of France to produce fuel cell-powered commercial trucks.

Accelerating Finger Lakes Forward

Today's announcement complements "Finger Lakes Forward," the region's comprehensive blueprint to generate robust economic growth and community development. The regionally designed plan focuses on investing in key industries including photonics, agriculture and food production, and advanced manufacturing. Now, the region is accelerating Finger Lakes Forward with a \$500 million State investment through the Upstate Revitalization Initiative. The State's \$500 million investment will incentivize private business to invest well over \$2.5 billion - and the region's plan, as submitted, projects up to 8,200 new jobs. More information is available [here](#).

"Governor Hochul Announces Opening of \$125 Million Plug Power Hydrogen Fuel Cell Innovation Center in Monroe County" *New York State Governor Kathy Hochul*. Press Office of the New York State Governor, 12 Nov. 2021. Web. 15 Nov. 2021. <<https://www.governor.ny.gov/news/governor-hochul-announces-opening-125-million-plug-power-hydrogen-fuel-cell-innovation-center>>.



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Twin Tiers Chapter–
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- 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"***

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