



# 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 2016-2017



Shaping Tomorrow's  
Built Environment Today

### April Meeting

April 18, 2017

### ASHRAE Spring Symposium

Multiple Speakers

Earn up to 7.5 PDH in 1 day!

TWIN TIERS TALK



To register, visit the Chapter website:

<http://twintiers.ashraechapters.org>

Please send all newsletter comments to:

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

[Email the Editor](#)

### Inside this issue:

President's Corner	2
PAOE	3
Chapter Events Calendar	4
Symposium Announcement	9
Golf Announcement	11
BOG Meeting Minutes	13
Training Events	19
Employment Opportunities	27

Corner

President's

Dear Twin Tiers,

Spring is finally in full swing with pretty flowers and Easter bunnies on their way (your welcome Andy). I can't believe we are two months away from our annual golf tournament! First we need to kick off our annual spring symposium. Mike McGinnis has put together a great line up of speakers including a distinguished lecturer, Mr. James Tauby. One of my goals this year as President was to relocate our symposium to a better quality and more comfortable facility for our attendees and speakers. Thanks to all for helping to make this happen!

Acknowledgements....I need to take a moment before my time is up as president to make our engineering community aware of the volunteers who put endless hours of donated time to help make this Chapter great. On page (Andy insert page number and add attachment in newsletter) you will see a list of all the Chapter Officers, Chair representatives, and Board of Governors. A lot of these volunteers hold multiple positions and have for many years. Next time you see one of these fine people at the next ASHRAE meeting, please give them a quick thank you as a token of appreciation. I personally thank you all for your dedication!

If anyone is interested in becoming more involved in the chapter, please feel free to reach out to these volunteers for more information.

Enjoy the fresh, beautiful weather everyone and see you next week at the symposium!

-Travis Fisher  
Twin Tiers Chapter President

Chapter President



Travis R. Fisher  
(607) 255-5608

[Email Me!](#)

2016-2017  
Chapter Officers

**President-Elect**

Petros Papathomopoulos  
(607) 723-9421

[Email Me!](#)



**Vice President**

Michael McGinnis  
(607) 727-3168

[Email Me!](#)



**Treasurer**

Kyle Nedlik  
(607) 321-6100

[Email Me!](#)



**Secretary**

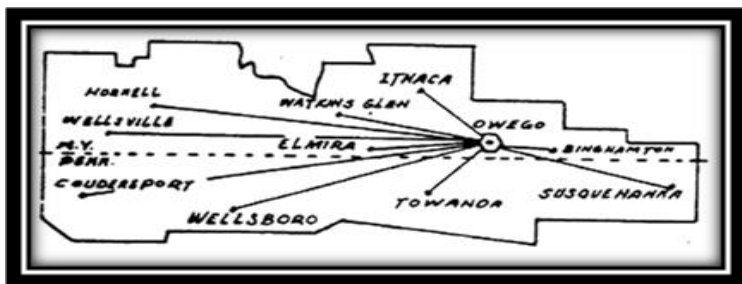
Devin Shapley  
(607) 723-9421

[Email Me!](#)



**Newsletter Disclaimer Statement**

Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission from the chapter.



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

## Twin Tiers Chapter

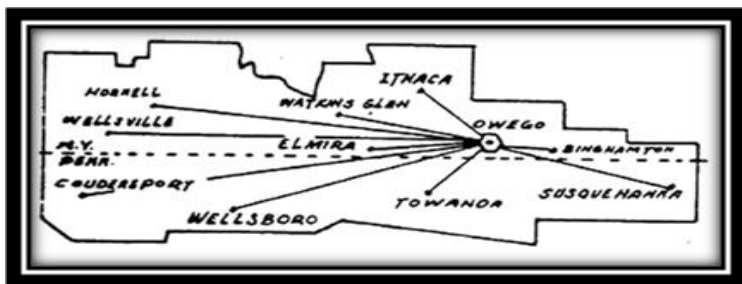
### Presidential Award of Excellence (PAOE)

	Chapter Operations	Chapter Technology Transfer	Grassroots Government Activities	Historical	Membership Promotion	Research Promotion	Student Activities
MIN/PAR	600/1200	450/1050	500/650	100/300	500/800	800/1050	300/500
Current	885	1175	450	430	1455	890	920

POINTS CURRENT AS OF 4/10/2017

### Chapter Committee Chairs

<b>Technology Transfer</b> Petros Papathomopoulos (607) 723-9421 <a href="#">Email Me!</a>	<b>Government Activities</b> Doug Breese (585)402-7090 <a href="#">Email Me!</a>	<b>Refrigeration</b> Rob VanSkiver (585) 591-8168 <a href="#">Email Me!</a>	<b>Golf &amp; Clambake Outing</b> Michael McGinnis (607)727-3168 <a href="#">Email Me!</a>
<b>Membership Promotion</b> Chris Wolak (484) 350-1954 <a href="#">Email Me!</a>	<b>Nominating</b> Andrew Nice 607-760-5960 <a href="#">Email Me!</a>	<b>Meeting Reception</b> Kyle Nedlik (607) 321-6100 <a href="#">Email Me!</a>	<b>H.O. Ward Scholarship</b> Jason Gilbert (607) 777-2240 <a href="#">Email Me!</a>
<b>Research Promotion</b> Glenn Roberts (315)234-1527 <a href="#">Email Me!</a>	<b>Student Activities</b> Jason Gilbert (607) 777-2240 <a href="#">Email Me!</a>	<b>Membership Directory</b> Chris Wolak (484) 350-1954 <a href="#">Email Me!</a>	<b>Albern Education Fund</b> Richard Sanguinito (607) 231-6605 <a href="#">Email Me!</a>
<b>Honors &amp; Awards</b> Doug Breese (585)402-7090 <a href="#">Email Me!</a>	<b>Historian</b> Richard Sanguinito (607) 231-6605 <a href="#">Email Me!</a>	<b>Symposium– Fall/Spring</b> Petros Papathomopoulos (607) 723-9421 <a href="#">Email Me!</a>	<b>Auditing</b> Rick Sanguinito & Jason Gilbert (607) 231-6605 <a href="#">Email Me!</a>
<b>Webmaster</b> Mike Colwell (570) 706-0690 <a href="#">Email Me!</a>	<b>Newsletter Editor</b> Andrew Nice 607-760-5960 <a href="#">Email Me!</a>	<b>YEA: Young Engineers</b> Devin Shapley (607)723-4979 <a href="#">Email Me!</a>	<b>Publicity</b> Andrew Nice 607-760-5960 <a href="#">Email Me!</a>



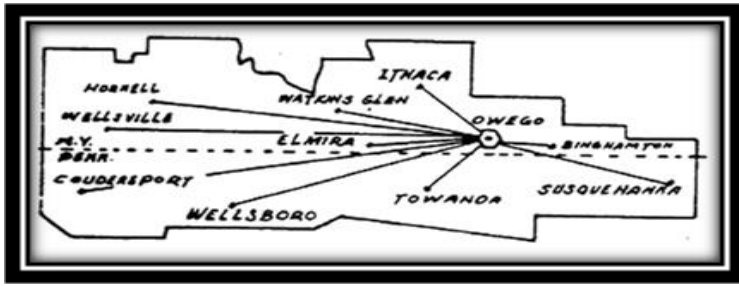
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

## Twin Tiers Chapter– Monthly Meeting Information

### *2016-2017 Meeting Dates:*

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
20-Sep	Andy Nice, Meier Supply Co.	VRF Training Center Tour and Properly Specifying VRF Presentation	21
18-Oct	Stan Kutin, Bell & Gossett	Advancements in Pumping & Motor Efficiency	23
15-Nov	Mark Casadevall, Ardagh Group Steven Walker, Ardagh Group	Tour of Ardagh Group LEED Canning Facility	23
20-Dec	Theodore Firnstein, Siemens	Green Lab Solutions (PDH) Theme: RP Night	20
17-Jan	R. Vijayakumar, Ph.D. ASHRAE Distinguished Lecturer	Basics of Cleanroom Design Themes: Past President, Membership Promotion, History	44
21-Feb	Michael McGinnis, P.E., Monika Furch, R.A., David Lewis, P.E.	Tour: Smart Energy Building & Center of Excellence Topic: Lithium Battery Research Facility Theme: Student Night	48
21-Mar	Michael Eckhardt, P.E. Christopher Kopec, P.E. Michael Collins	Geothermal Radiant Heating for Airfield Pavement HVAC Energy Savings—Optimized Compressors and Adiabatic Cooling Themes: Student Night, YEA, History	39
18-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	
16-May	Mike Gavin, REHAU Inc.	Snow and Ice Melting Systems (PDH) Themes: Refrigeration	
20-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.

## Twin Tiers ASHRAE H.O. Ward Scholarship



By  
Rick Sanguinito Historian 2016-2017

### H. O. WARD SCHOLARSHIP

Date: April 1, 2017

I want to thank the many applicants that applied for the H.O. Ward Scholarship this year. They were all qualified applicants and the selection process was challenging given the quality of all of the applicants.

The Twin Tiers Chapter of ASHRAE is pleased to announce the following Scholarship recipients for 2017.

Doris Wong	\$1,000 Scholarship
Melissa Gross	\$500 Scholarship
George Pappas	\$500 Scholarship

Scholarships will be presented at the April 18th Spring Symposium Lunch Meeting at Holiday Inn Binghamton: 2 Hawley St, Binghamton, NY 13901



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



**Thank you  
Sponsors!**

## 2017 Business Cards



**Dominick DeLucia**  
Project Engineer

ddelucia@taitem.com  
Taitem Engineering, PC  
110 South Albany Street  
Ithaca, New York 14850

v 607.277.1118 x120  
c 315.729.5545

[www.taitem.com](http://www.taitem.com)

**Chris Devins**  
Sales Engineer



15 Technology Place  
Syracuse, NY 13057  
Office (315) 234-1501 Cell (315) 313-3848  
Fax (315) 433-9120  
[chris.devins@trane.com](mailto:chris.devins@trane.com)  
[www.trane.com](http://www.trane.com)



**Shey Doane**  
Sales Engineer



**Trane Commercial Systems**  
15 Technology Place  
East Syracuse, NY 13057  
Office (315) 234-1509 Mobile (315) 382-2350  
Fax (315) 433-9120  
[sdoane@trane.com](mailto:sdoane@trane.com)  
[www.trane.com](http://www.trane.com)



**Mike McGinnis, P.E.**

300 MILE CROSSING BLVD., ROCHESTER, NY 14624

Direct (607) 727-3168  
Office (585) 436-1940  
Fax (585) 436-6606  
Email [mmcginnis@rkistler.com](mailto:mmcginnis@rkistler.com)  
[www.rkistler.com](http://www.rkistler.com)

- PRECISION AIR CONDITIONING
- PRECISION POWER CONDITIONING
- EMERGENCY GENERATORS
- HUMIDIFICATION / DEHUMIDIFICATION
- FUME HOOD CONTROLS
- GREEN HVAC PRODUCTS



**CHRIS WOLAK**  
Engineering Specialist

26 Canterbury Trail  
Fairport, NY 14450  
Email: [Chris.Wolak@Victaulic.com](mailto:Chris.Wolak@Victaulic.com)

Cell: 484/350-1954

**Camfil USA, Inc.**

6600 Deere Road  
Syracuse, NY 13206  
Tel: 315-468-3849  
Fax: 315-468-1561  
Mobile: 315-727-2302  
Email: [joe.o'hara@camfil.com](mailto:joe.o'hara@camfil.com)  
[www.camfil.com](http://www.camfil.com)



**Joe O'Hara, NCT**  
Branch Sales Manager



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

## History Report - March Meeting Summary



By  
Rick Sanguinito Historian 2016-2017

## March Meeting Summary

Date: March 21, 2017

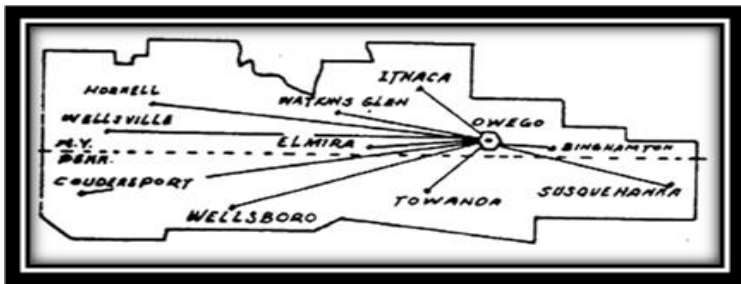
The March 2017 meeting consisted of two talks. The before dinner talk was presented by Michael Eckhardt from McFarland Johnson. He reviewed the award winning project, which made Binghamton the first airport in the country to use a geothermal system to heat an aircraft parking ramp. The project was a collaborative effort between Binghamton University students, led by Professor William Ziegler, Greater Binghamton Airport, McFarland Johnson, Federal Aviation Administration, Southern Tier Economic Partnership and NYSERDA. This \$1.25 million dollar project is expected to result in the avoidance of 103 tons of greenhouse gas emissions annually.

The after dinner speaker was Michael Collins, President, Eagle Bay Refrigeration. The topic was HVAC Energy Savings—Optimized Compressors and Adiabatic Cooling. This presentation discussed opportunities to optimize HVAC components for specific climates/applications through the use of optimized compressors and condensers. We will review compressor types and operation, advantages / disadvantages of their key features & impact of those changes on energy usage. Review operation and impact of adiabatic cooling.

The announcement of the H.O. Ward Scholarship recipients were announced at this meeting. Presentation of the scholarships will be at the April Symposium during lunch.

Twin Tiers ASHARE would like to thank those who attended this meeting. If you were unavailable for this meeting, please consider joining us for the April Symposium. The people who attended included the following:

Michael Collins, Mike Eckhardt, Steve Sill, Andrew Nice, Chris Kopec, Chris Wolak, Chris Zarrelli, Devin Shapley, Jason Gilbert, John Miranowski, Kyle Nedlik, Matthew Lloyd, Petros Papathomopoulos, Rick Breault, Joe Parisella, Victoria Kramer, Adam Keller, Emily Ormsby, Gary Hilton, Glenn Roberts, Joe O'Hara, Michael Colwell, Mickey Masker, Rick Sanguinito, Robert VanSkiver, Charles Grochowiak, Christopher Hackett, Clinton Hastings, Doris Wong, Ethan Papathomopoulos, Gamal Alsaadi, Ibrahima Balde, Justin Bopp, Makayla Jackson, Melissa Gross, Michael Spano, Michael Wahl, Monika Nowak, and Robert Browne



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

## History Report - March Meeting Summary



PHOTO 1 - Meeting Presentation

PHOTO 2 - Michael Eckhardt from McFarland Johnson

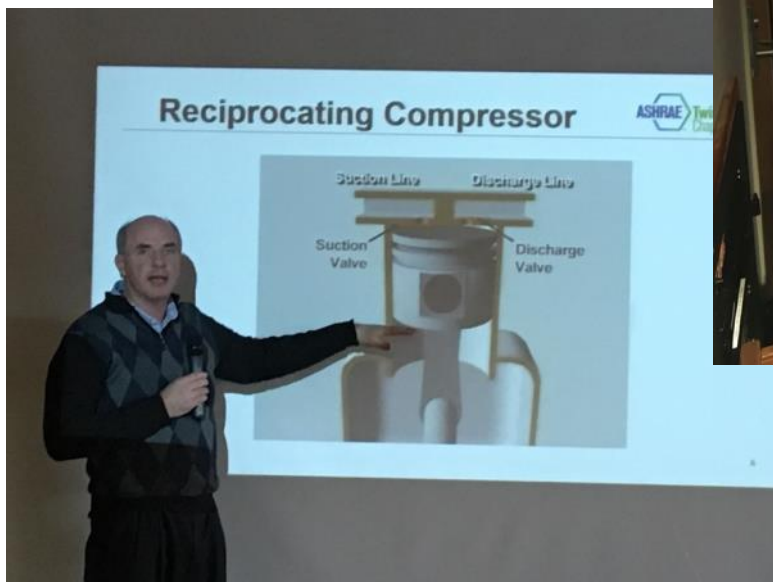
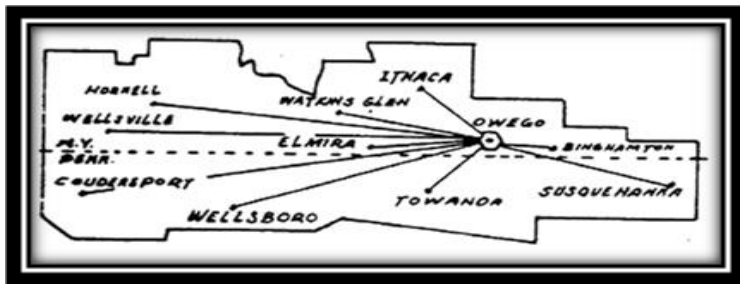


PHOTO 3 - Michael Collins from Eagle Bay Refrigeration Presenting





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

## Annual Spring Symposium and Professional Development Seminar

Tuesday, April 18, 2016, 8:30 A.M. – 5:00 P.M.

**Holiday Inn Binghamton:** 2 Hawley St, Binghamton, NY 13901

### EARN UP TO 7.5 Professional DEVELOPMENT HOURS!

The ASHRAE Twin Tiers Chapter 2017 Spring Symposium provides a local opportunity to bring together practicing professionals, engineers, academics, contractors, owners and others to discuss with respected expert's issues and challenges that our industry faces. This year's symposium offers attendees opportunities to review some of the industry's latest energy efficient technology as well as techniques/methods that could employ them.

#### SCHEDULE OF EVENTS

8:00-8:30 A.M. Registration, Holiday Inn  
Includes: Coffee, Muffins, & Fresh Fruit

8:30-10:00 A.M.

Binghamton Room	Endicott Room
"Penthouse Mechanical Rooms, Why are They Seismically a Challenge?" 1.5 PDH James Tauby, Mason Industries	"VRF & Hydronic Systems: A Strategic Comparison" 1.5 PDH Kyle DelPiano, Bell & Gossett

10:00-10:20 A.M. Morning Break – Foyer

10:20-11:50 A.M.

Binghamton Room	Endicott Room
"How to Cool a Computer Room Efficiently" 1.5 PDH David Smith., Vertiv	"Top 10 Things you REALLY Need to Know...Energy Code" 1.5 PDH Michael DeWein, Leidos Engineering

12:00-1:40 P.M. Lunch & Presentation Followed by the Monthly Chapter Meeting – Johnson City Room  
Lecturer: Robin Kemper, Zurich Services Corp  
Presentation: "A Discussion of Engineering Ethics Using Case Studies"

1:40-3:10 P.M.

Binghamton Room	Endicott Room
"Reducing AHU Energy through Optimized Fan Array Operation" 1.5 PDH Peter Fung, Climate Craft	"Laboratory Design Fundamentals" 1.5 PDH Don MacDonald, Phoenix Controls

3:10-3:30 P.M. Afternoon Break – Foyer  
Includes: Soft Drinks & Snacks

3:30-5:00 P.M.

Binghamton Room	Endicott Room
"Open Protocols for BAS Controls" 1.5 PDH Theodore Firnstein, Siemens Industry	"VRF Overview and Water Source Systems" 1.5 PDH Derrick Day, Mitsubishi

Please Note: The ASHRAE Twin Tiers Chapter reserves the right to change the schedule, speakers and presentations without notice.

**SIGN UP ONLINE @ <http://twintiers.ashraechapters.org/symposium2017.html>**

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



**Thank you  
Sponsors!**

## 2017 Business Cards

### MEIER SUPPLY CO., INC.

Refrigeration, Air Conditioning & Heating



**Andrew Nice**

Commercial HVAC Sales Engineer 275 Broome Corporate Pkwy  
Applied Products Division Conklin, NY 13748

607.760.5960 Cell

www.MeierSupply.com



ANice@MeierSupply.com



**Adam Keller**  
Sales Engineer

315-487-8791

Fax: 315-487-6179

akeller@proairplus.com

822 State Fair Blvd.

Syracuse, NY 13209-1320

www.proairplus.com



**H & V GROUP**

*"Providing Integrated Efficient Solutions"*

*Manufacturers' Representatives*

**Rob VanSkiver**

H&V Equipment Sales

P.O. Box 64582

Rochester, NY 14624

(585) 591-8168 Office

(585) 472-6146 Cell

Email: rvanskiver@hvgroup.us

Air Distribution

Mechanical Equipment

HVAC Warehouse

www.hvgroup.us

Ph (607) 797-1196

Fax (607) 797-1371



Cell (607) 422-0494

creid@bhvfab.com

**Christopher Reid**  
Vice President

**BHV Sheet Metal Fabricators, Inc.**

505-507 Prentice Road - Vestal, NY 13850



**TECHNOLOGY PLUS**

121 DRAHOS DRIVE  
ALTAMONT, NY 12009  
WWW.TECHPLUSLLC.COM

**BRIAN SEXTON**

EMAIL: BRIAN@TECHPLUSLLC.COM

OFFICE 607-882-9537

FAX 607-882-9539

CELL 518-320-2733

**BOILERS • HYDRONICS • STEAM SPECIALTIES**

**PETCOSKY & SONS  
PLUMBING AND  
HEATING INC.**

**607-797-0160**

**Fax:**

**770-4482**

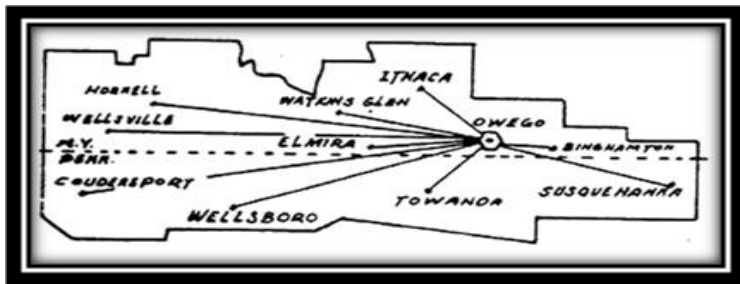
Commercial  
and Residential  
Free Estimates

24 Hour Emergency Service

**Michael Petcosky**

mpetcosky@petcosky-sons.com

Commerce Road, Vestal, NY 13850



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

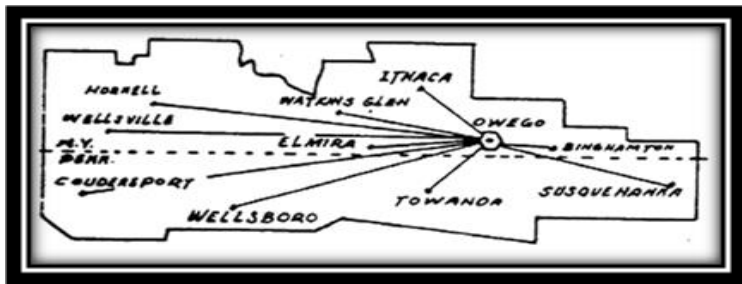
## Twin Tiers Annual Golf Tournament!



### **Annual Golf Tournament and Clambake**

The date for the annual golf tournament and clambake is **Tuesday, June 20.** With the closing of Vestal Hill Country Club, the event is being moved to a new location (our third in four years). 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 clams per person, thin sliced ribeye steak sandwiches with sautéed onions/peppers/mushrooms, 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.



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

## Binghamton University's Student Chapter

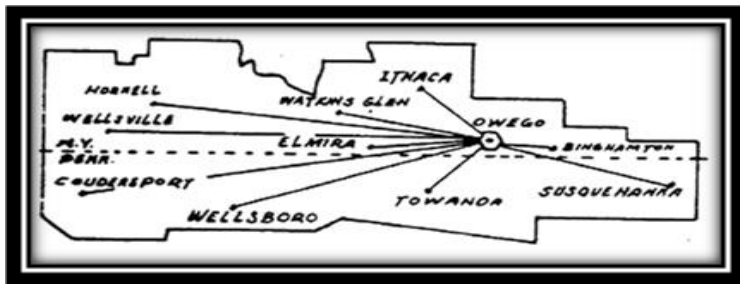
The Binghamton University student branch of ASHRAE wants to connect our students to industry through a few events planned for the coming months. If you are interested in participating in any of these events, please email us at [BUASHRAE@gmail.com](mailto:BUASHRAE@gmail.com). We are looking for speakers to come to our meetings and talk to our members about their personal experience in industry, whether that's as a salesman, engineer, or any other HVAC related profession.

We are also looking to hold an HVAC career fair at Binghamton University in the spring. If your company is looking to hire new graduates, please consider participating. We have many graduating mechanical engineers who are looking to get hired.

Again, if you or your company is interested in participating please email us at [BUASHRAE@gmail.com](mailto:BUASHRAE@gmail.com). Thank you!

From,  
Binghamton University ASHRAE Student Branch





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

## Twin Tiers Chapter – March BOG Meeting Minutes

Board of Governors Agenda

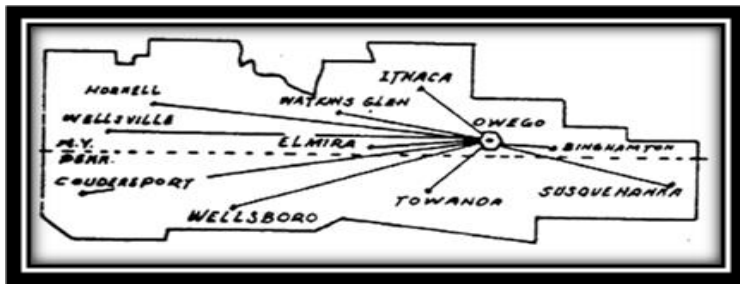
Date: Tuesday 03/21/2017 @ 4:00 PM

Location: Binghamton University, Event Center  
Lobby, Binghamton, NY

### Agenda

The meeting was called to order at: 4:06p

- Call to Order and Attendance: Adam K, Victoria K, Kyle N, Devin S, Petros P, Chris W, Rob V, Mike M.
- Attendance:
- General Announcements – President unable to attend, Petros shall run the meeting, First order of business, Student Activities – Review scholarship applicants and vote on distributions
  - Theme night this evening – Student Night
- Treasurer's Report – Kyle
  - M&T:
  - PayPal:
  - H.O. Ward:
  - William & Joan Albern:
  - Audit: Treasury Report due July, Audit in August. -Andy to settle SB pool
  - Student Chapter – End of Year balance must be \$2,500. Discuss adding this to the list above as part of the treasurer's report.
  - Budget – Comments?
  - Thompkins – Still working on online access. Travis still needs to send back paperwork. We need to send a new Corporate Resolution, need to remove Doug if he is on there.
  - Any Receipts or Open Items – Go through Kyle's list on the treasurer's report as there are quite a few new business items. – Newsletter advertisements checks need to be deposited by Andy.
- CTTC – Mike/Petros
  - Spring Symposium – Any comments or final adjustments? -All set. Looking for projectors
  - Golf and Clambake – Status? Update for prizes and contests? – Location Reserved. Flyers to go out.
  - Monthly Meetings –
    - Updates on the May meeting? – Snow melt presentation. Location in Ithaca.
    - ~~March Meeting~~
    - ~~Determine location for snow melt installation tour.~~
- YEA – Devin/Victoria
  - Other ideas for second YEA event? - March event cancelled due to low interest. Refunds issued to those who signed up. Looking to do different event in May (on a weekday).



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

## Twin Tiers Chapter– March BOG Meeting Minutes

- Membership Promotion – Chris
  - Updates? – 3 New members. Only need to follow up on 1.
- PAOE Responsibility – Travis Fisher
  - Only areas not above PAR are Chapter Operations, Grassroots, and RP.

▶ Chapter Operations	Par: 1200	Min Points: 600	Total Points: 835
▶ Chapter Technology Transfer	Par: 1050	Min Points: 450	Total Points: 1100
▶ Grassroots Government Advocacy	Par: 650	Min Points: 500	Total Points: 450
▶ Historical Criteria	Par: 300	Min Points: 100	Total Points: 330
▶ Membership Promotion	Par: 800	Min Points: 500	Total Points: 1455
▶ RP	Par: 1050	Min Points: 800	Total Points: 690
▶ Student Activities	Par: 500	Min Points: 300	Total Points: 920

- \$500 donation check for RP points.
- Student Activities – Jason Gilbert
  - Student Scholarships: Jason/Rick – Review Rick's final 4 list.
    - Jason would like to reimburse membership fees for students who are successful chapter officers. Kyle, were reimbursements sent? – Students to receive reimbursement from the \$3000 student chapter account.
    - Establish date for voting, selection, and presentation.
    - Branch to host career fair last Monday of April. Looking for input.
  - Member Shirts - Andy
    - Shirts distributed at last meeting. Placeholder for next year.
- Research Promotion – Glenn Roberts
  - Updates?
- New Business
  - CRC April 8 in Albany. Petros to attend.
  - Clam bake putting contest \$ to go to RP
  - Scholarship announcement of winners at tonight's meeting. Email to go out soon.
    - Dorris (18) - \$1000
    - George (15) - \$500
    - Melissa (15) - \$500
    - Check from chapter to be reimbursed from the fund.
    - Pay directly to student or registrar?
  - June is the chapters 40<sup>th</sup> birthday. Looking to do something special.

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



**Thank you  
Sponsors!**

## 2017 Business Cards

**STCF**  
SOUTHERNTIER CUSTOM FABRICATORS  
INCORPORATED

Ian Morrell, President  
*Your Responsible Partner*

1322 College Avenue  
Elmira, NY 14901  
[www.STCF.com](http://www.STCF.com)

Ph: (607) 732-0927  
Fax: (607) 734-0433  
Cell: (607) 481-0701  
e-mail: [morrelli@STCF.com](mailto:morrelli@STCF.com)



Horizon Engineering  
Associates LLP

*Demand a Higher Standard<sup>SM</sup>*

Scott Lance, EBCP, LEED AP O+M  
Engineering Manager

t 315.350.3935  
f 315.474.0751  
c 607.206.9562  
toll free 877.513.6249

620 Erie Blvd. West, Suite 107  
Syracuse, NY 13204  
[slance@horizon-engineering.com](mailto:slance@horizon-engineering.com)



Glenn Miller  
[gmiller@suretemp.com](mailto:gmiller@suretemp.com)

[www.SureTemp.com](http://www.SureTemp.com) Phone 607-729-6800  
43-47 Lake Avenue Fax 607-729-3483  
Binghamton, NY 13905 Toll Free 800-272-6071

### YOUR BUSINESS CARD COULD BE HERE!

**Your business card could be  
seen by hundreds of potential  
clients every month!**



Contact Andrew Nice for more Info!  
607-760-5960  
[anice@meiersupply.com](mailto:anice@meiersupply.com)

**Only \$50 per Year!**



**EAGLE BAY  
REFRIGERATION**

Michael Collins  
President  
W:(315) 320-6385  
M:(315) 385-1809

[www.EagleBayRefrigeration.com](http://www.EagleBayRefrigeration.com)  
[Michael.Collins@EagleBayRefrigeration.com](mailto:Michael.Collins@EagleBayRefrigeration.com)



Custom HVAC/R Equipment  
& Engineering Services  
304 Farmer Street  
Syracuse, NY 13203







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



### What is Canstruction®

The Broome Leadership Institute (BLI) Alumni Association Board will host the fourth annual **Canstruction of the Southern Tier** event in Broome County from April 23rd - 30th, 2017 at the Oakdale Mall in Johnson City.

Canstruction® is an international hunger-relief competition where teams, often architects, engineers and contractors, compete to design and build giant structures made entirely out of full cans of food.

At the close of the competition, all of the food from Canstruction of the Southern Tier will be donated to CHOW and distributed to hunger-relief agencies in Broome County to help feed neighbors in need.

### How Will Canstruction of the Southern Tier Benefit Broome County?

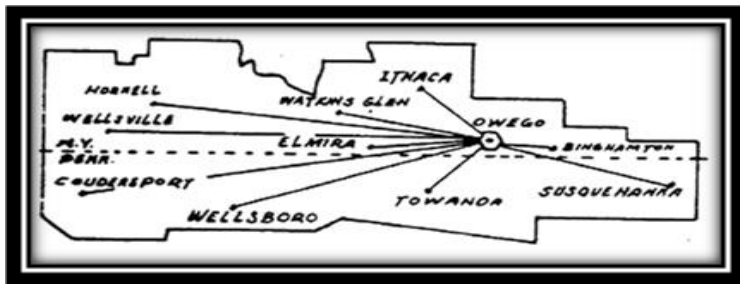
All of the proceeds from Canstruction of the Southern Tier will help support hunger-relief activities in Broome County. The donated food will be distributed through CHOW to hunger-relief agencies in Broome County including food pantries, soup kitchens, and community meal programs. The funds raised will be earmarked for hunger-relief activities in Broome County.

### Working in Partnership to Meet the Need

CHOW and the Food Bank of the Southern Tier work in partnership to leverage national, regional, and local resources to end hunger in Broome County. As a member of Feeding America, the nation's food bank network, the Food Bank has the ability to acquire food from across the U.S. CHOW operates as its own entity, receiving food from the Food Bank and relying on food and monetary donations from local residents, organizations and companies







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

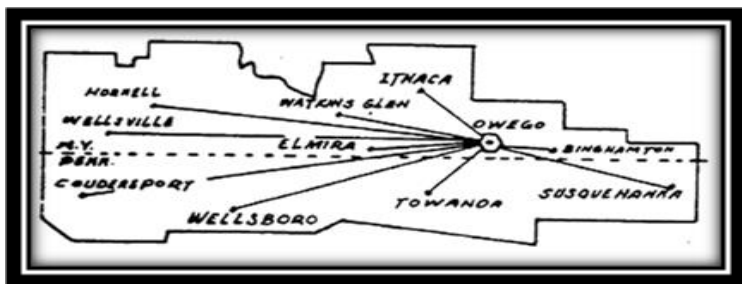
### Sponsorship Opportunities

Sponsorship Benefits & Recognition	Gold Sponsor \$2,500	Silver Sponsor \$1,000	Supporting Sponsor \$500
Sponsor Logo on Event Signage Displayed in 3 locations at Oakdale Mall, Johnson City (\$450 value)	X		
Sponsor Name Listed on Event Signage Displayed in 3 locations at Oakdale Mall, Johnson City (\$450 value)		X	X
Sponsor Logo and Link on Food Bank and CHOW websites (over 60,000 visitors)	X		
Sponsor Name Listed on Food Bank and CHOW websites (over 60,000 visitors)		X	X
Sponsor Name Posted on Food Bank and CHOW Facebook Pages & Twitter (over 5,300 followers)	X	X	
Sponsor Name included in Press Release Communications to Media	X	X	
Opportunity to Distribute or Display Sponsor Information at Awards Reception, Hosted at the Oakdale Mall for Event Participants, Sponsors, and Media	X	X	
Opportunity to Participate in Canstruction next year with a team (entry fee waived, \$100 value)	X	X	
Invitation to Attend Awards Reception & Recognition	X	X	X

For more information on this event and how to sponsor please visit us at  
<https://www.foodbankst.org/canstruction>

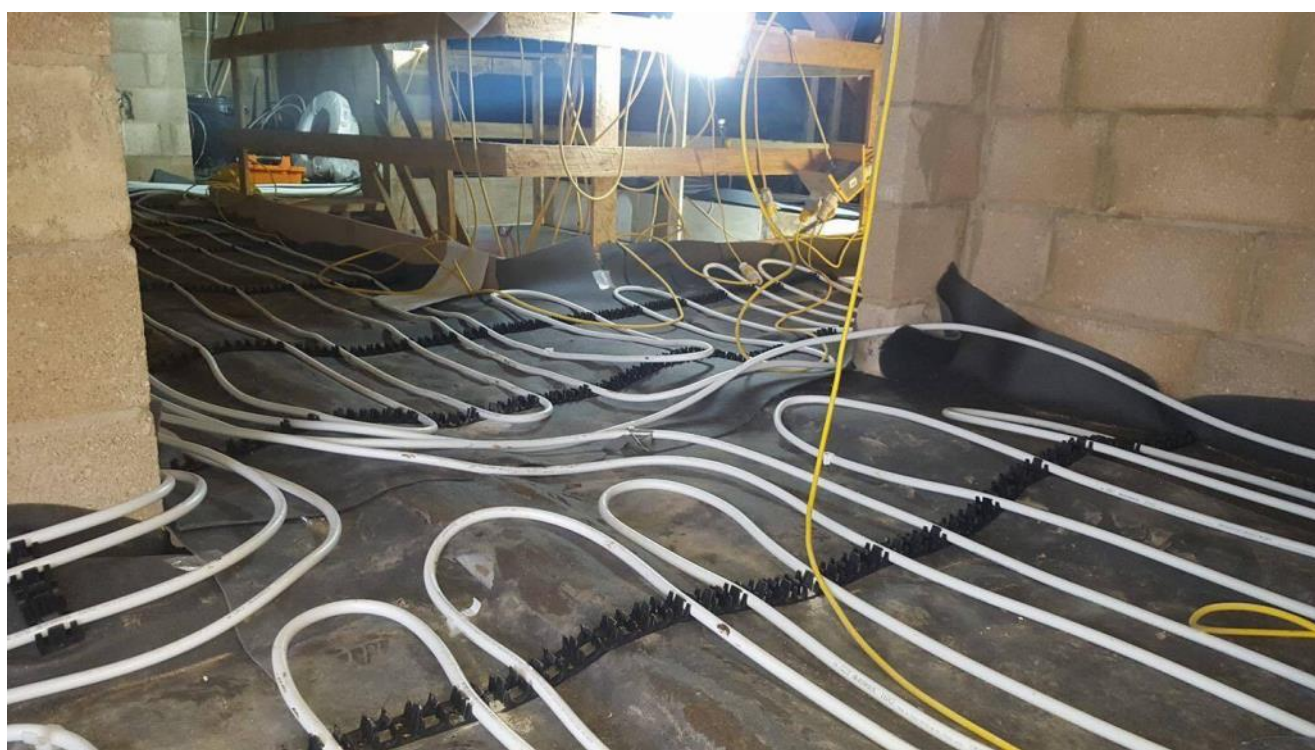
#### Additional Sponsorship Benefits Include

- Establish Your Business as a Community Leader in the Fight Against Hunger.
- Inspire Other Businesses to Join You.
- Make a Difference in the Communities You Serve: 100% of Canstruction Donations will go towards hunger relief efforts in Broome County!
- Organization listed in Chamber Newsletter ad following the event.



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

## What Were They Thinking???



**Perfect In-Floor Radiant Installation**

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



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

## TRAINING



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

[www.aecdaily.com](http://www.aecdaily.com)

[www.ronblank.com](http://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.



**Thank you  
Sponsors!**

## 2017 Business Cards



**Daniel Brosnan**

5860 Belle Isle Rd • Syracuse, NY 13209 Phone: 315-484-9048 Fax: 315-484-9528  
7401 Willowbrook Rd • Victor, NY 14564 Phone: 585-398-8018 Fax: 585-924-8362  
Cell: 315-952-5056 Email: dbrosnan@mcsmms.com Web: www.mcsmms.com



**Evan Hallas**

Aeroseal Operations Manager

ehallas@taitem.com

Taitem Engineering, PC  
110 South Albany Street  
Ithaca, New York 14850

607.277.1118 x103

[www.taitem.com](http://www.taitem.com)



**Joseph Parisella, PE, CPD**  
Sr. Mechanical Engineer

direct: 607.338.1284  
email: jparisella@popligroup.com

main: 607.238.5888  
fax: 607.338.1288

45 Lewis Street • Binghamton, NY 13901



**Richard R. Sanguinito, PE, LEED AP**  
Vice President/Director of MEP Services

o 607-231-6605  
c 607-222-3509  
f 607-231-6650

860 Hooper Road  
Endwell, NY 13760

[rsanguinito@delta-eas.com](mailto:rsanguinito@delta-eas.com)

[www.delta-eas.com](http://www.delta-eas.com)

**Glenn Roberts**  
HVAC Sales Engineer - Equipment and Controls



Trane  
15 Technology Place  
East Syracuse, NY 13057 US  
Office (315) 234-1527 Cell (315) 374-3050  
Fax (315) 433-9120  
[groberts@trane.com](mailto:groberts@trane.com)  
[www.trane.com](http://www.trane.com)

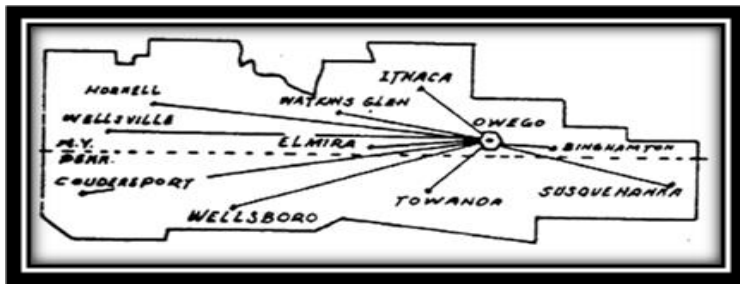


**Ryan Byrd**  
System Sales - Engineering Account Manager  
Team Leader



**Trane Commercial Systems**  
15 Technology Place  
East Syracuse, NY 13057  
315.234.1500 Office 315.433.9120 Fax  
[rjbyrd@trane.com](mailto:rjbyrd@trane.com)  
[www.trane.com](http://www.trane.com)





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

## TRAINING

### ASHRAE Learning Institute 2017 Online Course Series

#### 2 WAYS TO REGISTER

Internet: [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

Phone: Call 1-800-527-4723 (US and Canada) or 404-836-8400 (worldwide)

One-part course (3 hours) \$284 (\$219 ASHRAE Member) – – – Two-part course (6 hours) \$484 (\$359 ASHRAE Member)

#### Basics of High-Performance Building Design

Wednesday, February 8, 2017 – 1:00 p.m. to 4:00 p.m.

#### Designing Toward Net-Zero Energy Commercial Buildings

Tuesday, February 14, 2017 – 1:00 p.m. to 4:00 p.m.

#### ASHRAE Guideline 0: The Commissioning Process

Tuesday, February 21, 2017 – 1:00 p.m. to 4:00 p.m.

#### Commissioning Process & ASHRAE Standard 202

Monday, February 27, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** Fundamental Requirements of Standard 62.1-2016

Thursday, March 9, 2017 – 1:00 p.m. to 4:00 p.m.

#### Commissioning Process in New and Existing Buildings

Part I: Monday, March 13, 2017 – 1:00 p.m. to 4:00 p.m.

Part II: Wednesday, March 15, 2017 – 1:00 p.m. to 4:00 p.m.

#### Design of Affordable & Efficient Ground Source Heat Pump Systems

Wednesday, March 29, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** Complying with Standard 90.1-2016: Envelope/Lighting

Wednesday, April 5, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** Complying with Standard 90.1-2016: HVAC/Mechanical

Tuesday, April 11, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** Complying with Standard 90.1-2016: Appendix G

Tuesday, April 18, 2017 – 1:00 p.m. to 4:00 p.m.

#### Air-to-Air Energy Recovery Fundamentals

Wednesday, May 3, 2017 – 1:00 p.m. to 4:00 p.m.

#### Air-to-Air Energy Recovery Applications: Best Practices

Tuesday, May 9, 2017 – 1:00 p.m. to 4:00 p.m.

#### Humidity Control: Basic Principles, Loads and Equipment

Tuesday, June 13, 2017 – 1:00 p.m. to 4:00 p.m.

#### Humidity Control: Applications, Control Levels and Mold Avoidance

Tuesday, June 20, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** New ASHRAE-Classified Refrigerants to Meet

Society's Changing Needs

Tuesday, July 11, 2017 – 1:00 p.m. to 4:00 p.m.

#### Advanced High-Performance Building Design

Wednesday, August 9, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** Fundamental Requirements of Standard 62.1-2016

Wednesday, September 6, 2017 – 1:00 p.m. to 4:00 p.m.

#### Designing High-Performance Healthcare HVAC Systems

Tuesday, September 19, 2017 – 1:00 p.m. to 4:00 p.m.

#### Laboratory Design: The Basics and Beyond

Tuesday, October 10, 2017 – 1:00 p.m. to 4:00 p.m.

#### Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems

Monday, October 16, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** Complying with Standard 90.1-2016

Part I: Wednesday, November 1, 2017 – 1:00 p.m. to 4:00 p.m.

Part II: Tuesday, November 7, 2017 – 1:00 p.m. to 4:00 p.m.

#### **NEW!** New ASHRAE-Classified Refrigerants to Meet

Society's Changing Needs

Tuesday, December 5, 2017 – 1:00 p.m. to 4:00 p.m.

### ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Dallas • Doha • Hartford • Toronto

#### **HVAC Design: Level I – Essentials** - Registration is \$1,264 (\$1,009 ASHRAE Member)

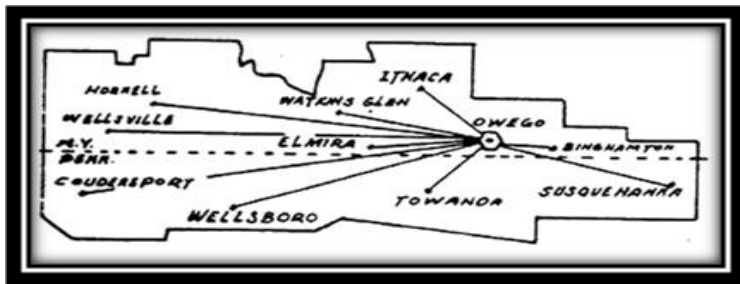
Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

#### **HVAC Design: Level II – Applications** - Registration is \$854 (\$699 ASHRAE Member)

*HVAC Design: Level II – Applications* provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit [www.ashrae.org/hvactraining](http://www.ashrae.org/hvactraining) to register and learn how your Chapter can earn PAOE points.

Contact Karen Murray ([kmurray@ashrae.org](mailto:kmurray@ashrae.org)) to discuss scheduling ASHRAE HVAC Training in your Chapter area.



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

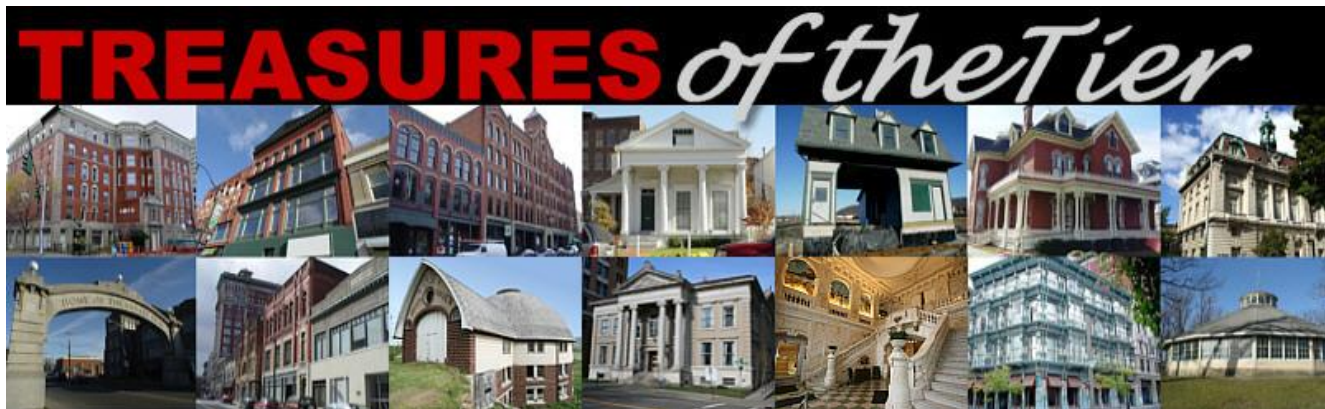
## INDUSTRY ARTICLE

# Governor Cuomo Announces New York State Led Nation in Investments to Revitalize Historic Properties Statewide

[www.governor.ny.gov](http://www.governor.ny.gov)

By Press Office of NYS Governor Apr. 6, 2017

Governor Andrew M. Cuomo today announced that in 2016, New York State led the nation in the number of completed historic property revitalization projects using rehabilitation tax credit programs. Since the Governor signed legislation to bolster the state's use of rehabilitation tax credits in 2013, the state and federal program has spurred \$3 billion of investment in historic commercial properties. In 2016, \$748 million in investments was generated by the state and federal credit to revitalize historic buildings throughout the state.

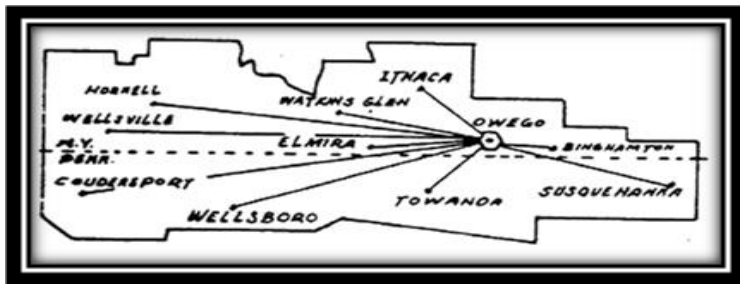


"Rehabilitation tax credits provide a valuable incentive to invest in underutilized historic buildings and transform them into cornerstone landmarks for communities across New York," **Governor Cuomo said.** "These numbers prove that this program is an effective economic development tool and we will continue our efforts to preserve this state's historic properties and drive growth throughout the process."

State officials announced the tax credit milestones at the 2017 New York Statewide Preservation Conference, held in historic Sibley Square, a \$200 million revitalization project in the heart of downtown Rochester. Sibley Square is one of 88 commercial redevelopment projects in the Finger Lakes to leverage the rehabilitation tax credit since 2013. More than two-thirds of these projects are located in upstate New York communities, complementing the Finger Lakes Forward, Central NY Rising and Southern Tier Soaring economic initiatives, which are working to transform regional economies through public-private partnerships.

The state rehabilitation tax credit further incentivizes the federal rehabilitation tax credit program. Both credits offer a 20 percent tax credit for qualified rehabilitation expenditures for the owners of income producing properties listed or in the process of listing on the New York State and National Registers of Historic Places. While the state credit has been available in various forms since 2007, its limits made developers reluctant to use either the federal or state credit for riskier projects in upstate New York.





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

## INDUSTRY ARTICLE

# Governor Cuomo Announces New York State Led Nation in Investments to Revitalize Historic Properties Statewide (Cont.)

In 2013, Governor Cuomo signed legislation to improve the credit by enabling a property owner to partner with investors who do not have New York State tax liability and take the credit as a refund. The ability to take a refund helped expand the pool of investors willing to participate in New York State projects. In addition, the legislation signed by the Governor extended the program through 2019, which helped remove uncertainty about the program's future.

In federal fiscal year 2016 alone, the State Historic Preservation Office approved \$732 million commercial rehabilitation projects that are now in or moving into the construction phase, known as Part 2 applications, and closed out the review of an estimated \$748 million worth of completed rehabilitation projects, known as Part 3 applications – more than any other state. Since 2013, SHPO has approved more than 300 Part 2 applications to use the credit to rehabilitate historic structures. Collectively, the projects have created more than 5,500 units of new housing, including 1,900 units of low- and moderate-income housing. More than 200 of the 300 Part 2 applications are for development projects in upstate.

**Rose Harvey, Commissioner of the Office of Parks, Recreation and Historic Preservation**, said, "The historic preservation tax credit programs have revitalized hundreds of landmark buildings across New York State, created thousands of local jobs for skilled craftspeople, and has stimulated our economy while instilling pride of place among New Yorkers. Our historic built environment is a remarkable example of our state's dynamic role in our nation's history. With developers and property owners rehabilitating the assets from our past, the historic tax credits are helping to create a pathway to New York State's future."

### **Regional "Part 2" tax credit project designs approved by SHPO from 2013 to the present are as follows:**

**Western New York** – 88 projects approved identifying \$532.2 million in qualified rehabilitation costs.

**Finger Lakes** – 29 projects approved identifying \$289.7 million in qualified rehabilitation costs.

**Southern Tier** – 32 projects approved identifying \$113.6 million in qualified rehabilitation costs.

**Central New York** – 27 projects approved identifying \$272 million in qualified rehabilitation costs.

**North Country** – 10 projects approved identifying \$35.5 million in qualified rehabilitation costs.

**Mohawk Valley** – 8 projects approved identifying \$40.4 million in qualified rehabilitation costs.

**Capital Region** – 63 projects approved identifying \$268 million in qualified rehabilitation costs.

**Mid-Hudson Valley** – 26 projects approved identifying \$43.9 million in qualified rehabilitation costs.

**New York City/Long Island** – 55 projects approved identifying \$1.39 billion in qualified rehabilitation costs.

### **Tax credit program**

Owners of income producing real properties listed on the National Register of Historic Places may be eligible for a 20 percent federal income tax credit for the substantial rehabilitation of historic properties. The final dollar amount is based on the cost of the rehabilitation. The work performed must meet the Secretary of the Interior's Standards for Rehabilitation and be approved by the National Park Service. Owners of income producing properties that have been approved to receive the 20 percent federal rehabilitation tax credit automatically qualify for the additional state tax credit if the property is located in a federal census tract that is identified as a Qualified Census Tract, having a median family income at or below the State Family Median Income level. Owners can receive an additional 20 percent of the qualified rehabilitation expenditures up to \$5 million.

"Governor Cuomo Announces New York State Led Nation in Investments to Revitalize Historic Properties Statewide " *New York State Governor Andrew M. Cuomo*. Press Office of the New York State Governor, 6 Apr. 2017. Web. 10 Apr. 2017. <<https://www.governor.ny.gov/news/governor-cuomo-announces-new-york-state-led-nation-investments-revitalize-historic-properties>>.





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

## INDUSTRY ARTICLE

# Governor Cuomo Announces New \$21 Million Residence Hall at SUNY College at Brockport

[www.governor.ny.gov](http://www.governor.ny.gov)

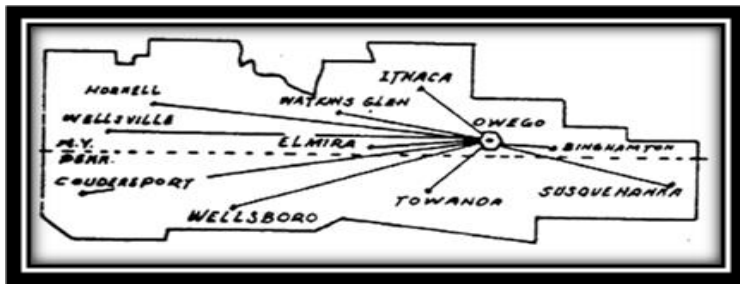
By Press Office of NYS Governor Mar. 24, 2017

Governor Andrew M. Cuomo today announced the construction of a new, \$21 million, 256-bed residence hall at SUNY College at Brockport. Under the design-build method, both design and construction services are provided through a single contract to help expedite projects and provide savings. The project is financed through DASNY's SUNY Dormitory Facilities Program and is being built by DASNY. Ground is expected to break in May 2017 and the project is scheduled for completion in summer 2018.



"The construction of this new residence hall at SUNY College at Brockport is another example of this administration's commitment to investing in modernizing and updating our colleges and universities across New York," **Governor Cuomo said.** "Keeping our university campuses competitive and up-to-date is vital to ensuring we attract the best and brightest to lead New York into the future."

The residence hall will be constructed using an innovative panelized construction system that allows wall components of the four-story building to be built in an off-site factory at the same time site work and foundations are being prepared. The building will be steel construction with concrete floors. It will have fire-safety features, including full sprinkler and fire alarms systems, as well as state-of-the-art security systems and card access throughout. The spaces in the building will be built to foster student learning and collaborative study, including a smart classroom, multi-purpose room, and other features to enhance student interaction. The new 256-bed residence hall on the campus near Rochester will be designed and constructed to LEED-Silver standards under the U.S. Green Building Council's sustainability and energy efficiency guidelines.



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

## INDUSTRY ARTICLE

# Governor Cuomo Announces New \$21 Million Residence Hall at SUNY College at Brockport (Cont.)

"SUNY College at Brockport's new state-of-the-art dorm will house 256 students in residences equipped with the latest security and energy-efficiency features, including a smart classroom," **said Lieutenant Governor Hochul during the announcement of the contract awarded today at SUNY Brockport.** "Using the design-build strategy to construct the new residence building will translate into a streamlined timeline and budget. As the foundation is being laid, the rest of the building will be rising at another site, ready to be put in place when the ground work is done."

The design-build method uses a procurement process that factors in both quality and cost, and ensures that the State's MWBE participation goals are fulfilled. Governor Cuomo implemented design-build for the \$3.98 billion project to replace the Tappan Zee Bridge over the Hudson River. The "New NY Bridge" project will form the centerpiece of the region's transportation system, remains on budget, and scheduled to open in 2018.

**Gerrard P. Bushell, DASNY President & CEO said,** "For New York State to continue to win the competition for the world's best minds, we must ensure our campuses have best-in-class living and learning facilities. Design-build's speed and efficiency enables DASNY to better provide SUNY Brockport and its students with an attractive place to live and learn while lowering housing costs for students in the SUNY system."

**The College at Brockport President Heidi Macpherson said,** "We're proud to be the first campus in recent memory in the SUNY system to team up with DASNY on a design/build and panelized construction project. Doing so allows us to provide our students with a high quality, affordable residence hall and continue to make The College at Brockport a great place for our students to live and learn."



The College at  
**BROCKPORT**  
STATE UNIVERSITY OF NEW YORK

"Governor Cuomo Announces New \$21 Million Residence Hall at SUNY College at Brockport" *New York State Governor Andrew M. Cuomo*. Press Office of the New York State Governor, 24 Mar. 2017. Web. 10 Apr. 2017. <<https://www.governor.ny.gov/news/governor-cuomo-announces-new-21-million-residence-hall-suny-college-brockport>>.



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

## Twin Tiers Chapter– Employment Opportunities



**TETRA TECH**

### **MECHANICAL ENGINEER**

Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. Our reputation rests on the technical expertise and dedication of our employees—16,000 people working together across disciplines and time zones to provide smart, sustainable solutions for challenging projects. We are proud to be home to leading technical experts in water, environment, infrastructure, resource management, energy, and international development. Tetra Tech combines the resources of a global, multibillion dollar company with local, client-focused delivery in 400 locations around the world. We offer competitive compensation and benefits and are searching for innovative people to join our teams.

Tetra Tech A&E provides planning, design and construction phase services for a wide range of building types and clients, from K-12 and higher education facilities in New York to facilities supporting governments worldwide. We currently seek a Mechanical Engineer to work out of our Ithaca NY or Albany NY office.

#### **Responsibilities include:**

- Design of building mechanical systems (HVAC) including appropriate system concepts, calculations, energy modeling, layout, sizing, selections, specifications and coordination
- Perform site visits of existing mechanical systems for evaluation or to inspect work in progress or completed
- Review and respond to team member on project design work, RFIs, submittals, and other construction related documents and issues in a professional and timely manner
- Monitor and control project progress against scope, schedule, and budget  
Attend client meetings and assist in marketing efforts

#### **Requirements:**

- Bachelor's degree in Mechanical Engineering, Mechanical Engineering Technology, or similar field with 8 years of experience designing building mechanical (HVAC) systems.
- Experience with Design of mechanical (HVAC) systems for educational facilities is desired.
- Licensed Professional Engineer (PE) or EIT and preparing to obtain professional licensure preferred.
- Proficient in AutoCAD and Revit/BIM with working knowledge of MS Office.
- Proficiency with building energy modeling concepts and software preferred.
- Knowledge of applicable codes and standards.
- Possesses and applies a broad knowledge of principles, practices and procedures to the completion of difficult assignments.
- Knowledge of and demonstrated interest in energy efficient solutions and designs.

If you are interested in this exciting opportunity apply on-line at: <http://www.tetrattech.com/en/careers>

Tetra Tech is committed to creating a diverse environment and is proud to be an Equal Opportunity Employer. We invite resumes from all interested parties including women, minorities, veterans and persons with disabilities. Tetra Tech is a VEVRAA federal contractor and we request priority referral of veterans for available positions.

EOE AA M/F/Vet/Disability





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

## Twin Tiers Chapter– Employment Opportunities



### TETRA TECH SENIOR MECHANICAL ENGINEER

Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. Our reputation rests on the technical expertise and dedication of our employees—16,000 people working together across disciplines and time zones to provide smart, sustainable solutions for challenging projects. We are proud to be home to leading technical experts in water, environment, infrastructure, resource management, energy, and international development. Tetra Tech combines the resources of a global, multibillion dollar company with local, client-focused delivery in 400 locations around the world. We offer competitive compensation and benefits and are searching for innovative people to join our teams.

Tetra Tech A&E provides planning, design and construction phase services for a wide range of building types and clients, from K-12 and higher education facilities in New York to facilities supporting governments worldwide. We currently seek a Senior Mechanical Engineer to work out of our Ithaca NY, Albany NY, Farmingdale NY, or Marlborough, MA office.

#### **Responsibilities include:**

- Design of building mechanical systems (primarily HVAC) including appropriate system concepts, calculations, energy modeling, layout, sizing, selections, specifications and coordination
- Perform site visits of existing mechanical systems for evaluation or to inspect work in progress or completed
- Acts as lead engineer on projects and provides conceptual guidance to Mechanical Designers and Mechanical Engineers on wide range of projects.
- Provides consultation to professional co-workers. Mentors junior level department designers.
- Review and respond to team member on project design work, RFIs, submittals, and other construction related documents and issues in a professional and timely manner
- Monitor and control project progress against scope, schedule, and budget
- Attend client meetings and assist in marketing efforts

#### **Requirements:**

- Bachelor's degree in Mechanical Engineering, Mechanical Engineering Technology, or similar field with 15 years of experience designing building mechanical (HVAC) systems.
- Experience with design of mechanical (HVAC) systems for educational and federal facilities is desired.
- Licensed Professional Engineer (PE) in New York State, with ability to be licensed in other states as requested.
- Proficient in AutoCAD and Revit/BIM with working knowledge of MS Office.
- Proficiency with building energy modeling concepts and software preferred.
- Knowledge of applicable codes and standards.
- Possesses and applies a broad knowledge of principles, practices and procedures to the completion of difficult assignments.
- Knowledge of and demonstrated interest in energy efficient solutions and designs, and in LEED strategies and designs.

If you are interested in this exciting opportunity apply on-line at: <http://www.tetratech.com/en/careers>





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

## Twin Tiers Chapter– Employment Opportunities



### Senior Mechanical Engineer

Engineers thrive on solving problems by putting their logic and creativity together. They are able to invent, explore, and question to enhance the areas around us. IBI Group engineers work in multiple disciplines and collaborate on larger initiatives.

IBI Group's Binghamton, New York office is searching for a Senior Mechanical Engineer to join its growing team.

Are you looking for a challenging opportunity that can move your career to the next level?

Then come discover what IBI has to offer.

IBI Group offers you a career you can Define...Discover It!

#### Responsibilities:

- Responsible for the technical and design development for assigned projects.
- Functions in the role of project leader and handles project management tasks and supervises the mechanical design and technical aspects.
- Produces design work according to established standards, methods, and procedures of the office.
- Coordinates and develops the layout, design, drafting, and specifications produced by architectural and engineering staff members who are part of the project team.
- Develops project cost estimates.
- Supervises technical staff and provides design guidance.
- Supervises the preparation and checks the accuracy of contract documents.
- Incorporates applicable codes, construction techniques, and sequences in various projects including all aspects of cross disciplines.
- Conducts site observations as required to perform the design.
- Conducts site observations of mechanical systems during construction operations. Performs other associated construction phase tasks.

#### Qualifications:

- Experience in designing HVAC systems for educational, commercial, institutional, and industrial facilities
- In addition to HVAC system design experience; experience with Plumbing design and Fire Protection design strongly desired.
- At least 5 years design experience
- Bachelor's degree in Mechanical Engineering
- EIT required; Registration as a Professional Engineer in New York State strongly desired
- Working knowledge of AutoCAD, BIM/Revit
- Effective communication (verbal and written) in English
- Strong team player
- Highly proactive and detail oriented
- LEED certification is a strong asset

We are a global team of dedicated and experienced architects, engineers, planners, designers and technology professionals who share a common desire – to help our clients create livable, sustainable, and advanced urban environments.

From high-rises to industrial buildings, schools to state-of-the-art hospitals, transit stations to highways, airports to toll systems, bike lanes to parks, we design every aspect of a truly integrated city for people to live, work, and play.

Our collaborative and combined approach focuses not only on creating the best solutions today, but also determining the right solutions for tomorrow.

We believe cities in the future must be designed with intelligent systems, sustainable buildings, efficient infrastructure, and a human touch.

At IBI, we're defining the cities of tomorrow.

**Applicants for U.S. based positions with IBI Group must be legally authorized to work in the United States. Verification of employment eligibility will be required at the time of hire. Visa sponsorship is not available for this position.**

**IBI Group is an Equal Employment Opportunity/Affirmative Action Employer and maintains a Drug-Free Workplace.**

**EOE-M/F/Vet/Disability**

**Contact: Linda Gauld [linda.gauld@ibigroup.com](mailto:linda.gauld@ibigroup.com) (+1 519 472 7328 ext 261)**



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

## Twin Tiers Chapter– Employment Opportunities



Design Your Career

### Senior Mechanical Engineer – Buildings

#### Your Opportunity:

Our Buildings Engineering group specializes in the design and development processes unique to buildings. Working closely with our clients, our dedicated professionals help to establish and understand the needs of a range of building projects. This is where great ideas and rewarding careers are built. For both public and private sector clients, we provide unique plan checking capabilities as well as energy engineering and performance engineering services, covering each of the major engineering disciplines- structural, mechanical, and electrical. In addition, we bring together innovative and functional design solutions for companies involved in the discovery, research and development, and commercial scale manufacturing of pharmaceuticals, biotechnology, and medical device products. Focused on providing cost-effective solutions to engineering challenges, we are involved in a diverse range of projects from the initial planning stages to design, construction, and commissioning. Our structure cultivates career growth and provides opportunities as unique as you are.

#### Your Duties:

- Duties will include but are not limited to preparation of project proposals and resulting contracts, project implementation plans, resource planning, quality control and design review, project team review and coordination, client, and financial management.
- May assist as mechanical engineering lead overseeing the engineering & design of plumbing / fire protection / HVAC and other mechanical systems for new and renovated buildings.
- Mechanical engineering - actual designs including the completion of code reviews, preparation of the basis of design, system calculations, mark-up of drawings, specification preparation, field investigations, construction estimating and site inspections and other such design as required to execute the mechanical construction for new or renovated buildings.
- May perform project manager duties as needed.
- Some travel to site locations or other Stantec offices may be required.

#### Your Capabilities and Credentials:

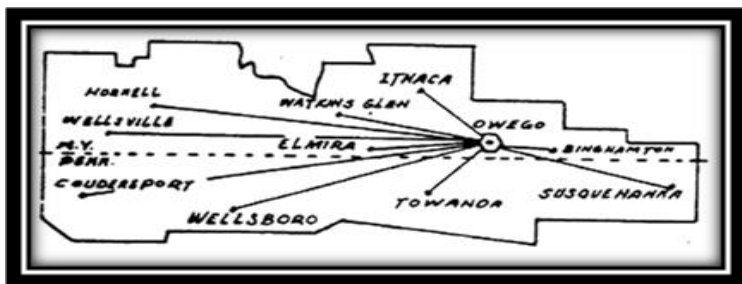
The successful candidate will possess:

- Requires a B.Sc. Mechanical Engineer
- NYS PE desired, registration in other states a plus
- 7+ years' experience required
- Must have strong Mechanical Engineering skills in Plumbing, Fire Protection, HVAC, and related mechanical systems
- Prior management experience is a plus
- Prior consulting engineering experience is required
- Experience using Autocad, Revit, Trane Trace or Equest is a plus
- Excellent verbal and written communication skills
- Excellent interpersonal skills with team members and clients

We put people first, and it shows. We're proud to be one of New York's Best Places to Work, as named by The Business Council of New York and NYS-SHRM.

Please apply online directly at:

- (Rochester) <https://jobs-stantec.icims.com/jobs/25804/senior-mechanical-engineer---buildings/job>
- (Endicott) <https://jobs-stantec.icims.com/jobs/25927/senior-mechanical-engineer---buildings/job>



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

## Twin Tiers Chapter– Employment Opportunities

### FACILITY MECHANICAL / HVAC ENGINEER

# CORNING

**Job Number:** 180818

**Location:** Corning, NY

Are you interested in “Life Changing Innovation”? As with Thomas Edison, we have a history of working with the world’s greatest innovators. We solve our customers’ most complex problems that others can’t or won’t. Collaboration, Innovative Spirit and Career Development are just a few of the reasons world class professionals choose Corning Incorporated for a career. We are headquartered in Corning - a vibrant city in Upstate, NY where residents enjoy the benefits of a rich arts and culture scene, one of the world’s fastest-growing wine regions and a family friendly area with affordable homes and quality education.

Corning is the world leader in specialty glass and ceramics, creating and manufacturing keystone components that enable high-technology systems.

Corning’s history is filled with breakthrough technologies that have played an important role in the way the world works. We thrive on solving difficult, commercially relevant problems through an innovative and collaborative research and development process. Corning succeeds through sustained investment in R&D, more than 160 years of materials science and process engineering knowledge, and a distinctive collaborative culture.

#### **Scope of Position:**

- Provide HVAC engineering & project leadership in a corporate engineering group that supports all divisions within Corning Incorporated.
- Apply fundamental engineering principles to develop, design & resolve solutions to a variety of technical problems related to HVAC and facility mechanical systems & processes.
- Develop criteria and specifications for various facility equipment, systems & processes.
- Collectively work with division, process, plant & R&D resources on project teams.
- Develop, review & forecast capital & expense design, equipment & installation project costs.

#### **Day to Day Responsibilities:**

- Deliver strong project leadership skills through the project initiation, planning, implementation and closeout phases.
- Develop project concepts, scopes, estimates, schedules, design, installation & startup documentation.
- Exercise sound judgment, solid engineering principles and utilize structured problem solving techniques.
- Lead, guide, coach & help develop internal Corning & contingent employees as well as external contractors.
- Actively work and participate in project teams in various roles and capacities.
- Effectively listen and communicate utilizing multiple channels and means.

#### **Travel Requirements:**

- Travel can be greater than 50% both Domestic and International.
- Project assignments can be in excess of 1-2 years in duration.

#### **Hours of work/work schedule/flex-time:**

- Flexibility is required.
- Normal Business Hours (8 – 5, M – F): however, expected to work hours required to achieve objectives. Includes overtime, weekend and off-shift hours.



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

## Twin Tiers Chapter– Employment Opportunities

### **FACILITY MECHANICAL / HVAC ENGINEER (Cont.)**

# CORNING

#### **Required Education:**

- BS degree in Mechanical Engineering
- MS in Mechanical Engineering preferred.

#### **Required Years and Area of Experience:**

- 5-10 years of engineering & professional work experience.
- Required Skills:
- Excellent project leadership, HVAC engineering, installation and start-up skills.
- Able to apply HVAC & Mechanical engineering principles to concepts, designs, trouble shooting and solving problems.
- Problem solving skills and the use of structured methods; such as, K-T (DA, PPA, RA), DESGN & DMAIC.
- Excellent communication and interpersonal skills.
- Excellent presentation skills.
- Solid HVAC & Mechanical system trouble shooting capabilities & experience.
- Project estimating, forecasting and scheduling experience.

#### **Desired Skills:**

- Proficient in MS Project & SharePoint.
- Experience with AutoCad and Solidworks.
- Professional Engineering Certification.
- PMI certification.
- Proficiency in Mandarin, Spanish or Japanese.

#### **Soft Skills:**

- Results oriented.
- Strives for excellence & high quality.
- Strong commitment and work ethic.
- Positive attitude.
- Flexible and adaptable.
- Open, honest & trustworthy.
- Strong listening & communication skills.
- Approachable and a team player.

EOE/AA including Veterans and Disabled.

**IF YOU ARE INTERESTED IN THIS OPPORTUNITY, PLEASE FEEL FREE TO CONTACT ANNE LAPORTE AT 716-276-3837 OR LAPORTEAM@CORNING.COM**





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

## Twin Tiers Chapter– Employment Opportunities

### Facilities Engineering Project Manager

**Job Number:** 182585

**Location:** Corning, NY

# CORNING

Are you interested in “Life Changing Innovation”? As with Thomas Edison, we have a history of working with the world’s greatest innovators. We solve our customers’ most complex problems that others can’t or won’t. Collaboration, Innovative Spirit and Career Development are just a few of the reasons world class professionals choose Corning Incorporated for a career. We are headquartered in Corning - a vibrant city in Upstate, NY where residents enjoy the benefits of a rich arts and culture scene, one of the world’s fastest-growing wine regions and a family friendly area with affordable homes and quality education. Corning is the world leader in specialty glass and ceramics, creating and manufacturing keystone components that enable high-technology systems.

Corning’s history is filled with breakthrough technologies that have played an important role in the way the world works. We thrive on solving difficult, commercially relevant problems through an innovative and collaborative research and development process. Corning succeeds through sustained investment in R&D, more than 160 years of materials science and process engineering knowledge, and a distinctive collaborative culture.

#### **Scope of Position:**

Manage the development and implementation facility and capital projects involving departmental and/or cross-functional teams focused on the construction of new or existing productions facilities.

#### **Day to Day Responsibilities:**

- Provide project management for key manufacturing capital projects. Overall responsibility for the ensuring the project’s compliance with safety, scope schedule, cost, and other project specific deliverables such as those associated with product quality, equipment and process capability, machine and line rates, equipment uptime, etc.
- Direct supervision of project team resources, approximately 10 – 15 members. Provides guidance to subordinates to achieve goals in accordance with established policies.
- Establish requirements with customer.
- Assist in the evaluation and verify justification for project.
- Identifies and drives key decisions for such things as scope, design, schedule, spending, vendor selection, etc.
- Establish roles, responsibilities and competencies required for the project.
- Establish project team working with division management.
- Manage the performance of team members and outside resources to meet the project requirements.
- Establish project plans (scopes, schedule, cost estimates, procurement/contracting strategy, project acceptance criteria, etc.).
- Work with business in the preparation and approval of Appropriation Requests.
- Conduct project meetings and document key issues, action items and decisions.
- For key projects, establish and coordinate activities of a steering committee for the project.
- Provide periodic project updates to customer and division management.
- Manage the project to meet the requirements.
- Implement safety program to ensure that LTAs and Recordable Incidence rate = or < Corporate targets.
- Conduct a project critique at completion and share key learning’s with others unassociated with the project.



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

## Twin Tiers Chapter– Employment Opportunities

### **Facilities Engineering Project Manager (Cont.)**

# CORNING

#### **Travel Requirements:**

- Able to travel extensively including overseas. Assignment could involve long term domestic or international assignments.

#### **Hours of work/work schedule/flex-time:**

- Basic work hours are dependent on the particular assignment. Individuals need to work the hours required to complete the assignment. Work hours can vary from 40 to 60 hours per week depending on the needs of the project

#### **Required Education:**

- BS Mechanical, Electrical or Civil Engineering
- MS or MBA preferred

#### **Required Years and Area of Experience:**

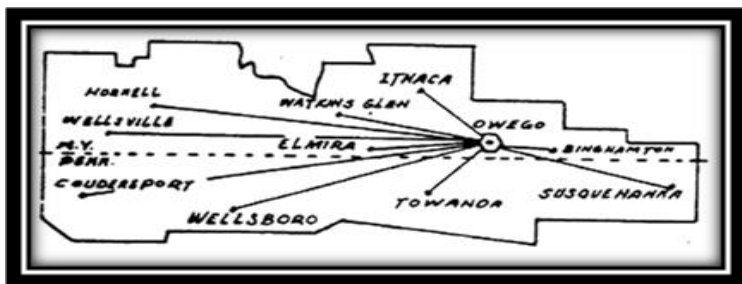
- 10 to 15 years overall experience and 5 years in Project management
- Professional Engineering registration or PMI certification desired

**For a full position description and requirements please visit the ASHRAE Twin Tiers Website.**

<http://twintiers.ashraechapters.org/>

EOE/AA including Veterans and Disabled.

**IF YOU ARE INTERESTED IN THIS OPPORTUNITY, PLEASE FEEL FREE TO CONTACT ANNE LAPORTE AT 716-276-3837 OR LAPORTEAM@CORNING.COM**



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

## Twin Tiers Chapter– Employment Opportunities

### Environmental Design Engineer

# CORNING

**Job Number:** 180817

**Location:** Corning, NY

Are you interested in “Life Changing Innovation”? As with Thomas Edison, we have a history of working with the world’s greatest innovators. We solve our customers’ most complex problems that others can’t or won’t. Collaboration, Innovative Spirit and Career Development are just a few of the reasons world class professionals choose Corning Incorporated for a career. We are headquartered in Corning - a vibrant city in Upstate, NY where residents enjoy the benefits of a rich arts and culture scene, one of the world’s fastest-growing wine regions and a family friendly area with affordable homes and quality education. Corning is the world leader in specialty glass and ceramics, creating and manufacturing keystone components that enable high-technology systems.

Corning’s history is filled with breakthrough technologies that have played an important role in the way the world works. We thrive on solving difficult, commercially relevant problems through an innovative and collaborative research and development process. Corning succeeds through sustained investment in R&D, more than 160 years of materials science and process engineering knowledge, and a distinctive collaborative culture.

#### **Scope of Position:**

- Provide Environmental engineering, air/water pollution control & project leadership in a corporate engineering group that supports all divisions within Corning Incorporated.
- Apply fundamental engineering principles to develop, design & resolve solutions to a variety of technical problems related to environmental facility systems & processes.
- Develop criteria and specifications for various facility, environmental, air/water pollution controls, equipment, systems & processes.
- Collectively work with division, process, plant & R&D resources on project teams.
- Develop, review & forecast capital & expense design, equipment & installation project costs.

#### **Day to Day Responsibilities:**

- Deliver strong project leadership skills through the project initiation, planning, implementation and closeout phases.
- Develop project concepts, scopes, estimates, schedules, design, installation & startup documentation.
- Exercise sound judgment, solid engineering principles and utilize structured problem solving techniques.
- Lead, guide, coach & help develop internal Corning & contingent employees as well as external contractors.
- Actively work and participate in project teams in various roles and capacities.
- Effectively listen and communicate utilizing multiple channels and means.

#### **Travel Requirements:**

- Travel can be greater than 50% both Domestic and International.
- Project assignments can be in excess of 1-2 years in duration.

#### **Hours of work/work schedule/flex-time:**

- Flexibility is required.
- Normal Business Hours (8 – 5, M – F): however, expected to work hours required to achieve objectives. Includes overtime, weekend and off-shift hours.





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

## Twin Tiers Chapter– Employment Opportunities

### Environmental Design Engineer (Cont.)

# CORNING

#### Required Education:

- BS degree in Environmental Engineering required.
- MS in Environmental Engineering preferred.

#### Required Years and Area of Experience:

- 5-10 years of engineering & professional work experience.

#### Required Skills:

- Excellent project leadership, mechanical engineering, installation and start-up skills.
- Able to apply environmental engineering and air/water pollution control principles to concepts, system designs, trouble shooting and solving problems.
- Problem solving skills and the use of structured methods; such as, K-T (DA, PPA, RA), DESGN & DMAIC.
- Excellent communication and interpersonal skills.
- Excellent presentation skills.
- Strong facility environmental system trouble shooting capabilities & experience.
- Project estimating, forecasting and scheduling experience.

#### Desired Skills:

- Proficient in MS Project & SharePoint.
- Experience with AutoCad and Solidworks.
- Professional Engineering certification.
- PMI certification.
- Proficiency in Mandarin, Spanish or Japanese.

#### Soft Skills:

- Results oriented.
- Strives for excellence & high quality.
- Strong commitment and work ethic.
- Positive attitude.
- Flexible and adaptable.
- Open, honest & trustworthy.
- Strong listening & communication skills.
- Approachable and a team player.

EOE/AA including Veterans and Disabled.

**IF YOU ARE INTERESTED IN THIS OPPORTUNITY, PLEASE FEEL FREE TO CONTACT  
DAVID WATKINS AT 716-688-6751 OR [WATKINS@CORNING.COM](mailto:WATKINS@CORNING.COM)**



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

## Twin Tiers Chapter– Employment Opportunities

# LABELLA

Associates

Engineering  
Architecture  
Environmental  
Planning

### SENIOR MECHANICAL ENGINEER – PROJECT MANAGER

**LaBella Associates, D.P.C.** is one of the area's Top 2015 Workplaces. We are headquartered in Rochester's High Falls District with offices across New York and in Maine, North Carolina, Ohio, Pennsylvania, and an office in Madrid, Spain. We are a multi-disciplined architectural and engineering firm dedicated to client satisfaction through teamwork, respect, and trust.

We are currently seeking a Senior Mechanical Engineer to lead mechanical project teams in our Elmira Heights, NY office. Project work will involve clients in multiple Market Sectors. This position will report to the Mechanical Engineering Discipline Leader.

#### Responsibilities:

- Work closely with the mechanical engineering staff to develop concepts, strategies, construction documents and engineering reports for new building and renovation projects.
- Assist the energy group in conducting Energy Audits for Municipal, Commercial, and Industrial clients.
- Recognize energy reduction potential in buildings through the use of high efficiency equipment.
- Mentoring, guidance and performance appraisal for the mechanical engineering team.
- Client and Business Development.
- Proposal writing to initiate new business.
- Work with Commissioning Teams as necessary to provide reinforcement to this market focus.

#### The ideal candidate will possess:

- Bachelor's degree in Mechanical Engineering.
- Minimum 10 years engineering experience with a professional A/E services firm.
- Strong writing, organizational and communications skills
- Ability to work under pressure, and multi-task efficiently
- A New York PE license is mandatory.
- Familiarity with NYSERDA and the related incentive programs.

Resumes should be accompanied by a cover letter demonstrating how your past experience qualifies you for this position. All inquiries will be kept confidential.

LaBella offers a strong benefits package including health insurance, dental insurance, professional development, paid time off, 401k and much more.

<https://home.eease.com/recruit/?id=14921471>



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

## Twin Tiers Chapter– Employment Opportunities

# LaBella

Associates

Engineering  
Architecture  
Environmental  
Planning

### Mechanical Engineer

**LaBella Associates, D.P.C.** is one of the area's Top 2015 Workplaces. We are headquartered in Rochester's High Falls District with offices across New York and in Maine, North Carolina, Ohio, Pennsylvania, and an office in Madrid, Spain. We are a multi-disciplined architectural and engineering firm dedicated to client satisfaction through teamwork, respect, and trust.

We are currently seeking a Mechanical Engineer with a strong focus and background in Building Projects to work in our Elmira Heights, NY Office. This position will work closely with the mechanical engineering staff to develop concepts, strategies, designs, drawings, specifications and reports.

Individual must be able to work independently, as well as part of multi-discipline teams producing mechanical engineering documents. Individual must have well rounded experience in HVAC design. Energy conservation and commissioning experience is a plus. A Bachelor's degree and minimum of 4 years of experience working at an A/E consulting firm preferred.

Resumes should be accompanied by a cover letter demonstrating how your past experience qualifies you for this position. All inquiries will be kept confidential.

LaBella offers a strong benefits package including health insurance, dental insurance, professional development, paid time off, 401k and much more.

<https://home.eease.com/recruit/?id=14921441>





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, 2017.

- New subscription will run the calendar year 2017.
- Cost to advertise for the 2017 year is \$50.
- Sign up now for the 2017 year On Pay Pal <http://twintiers.ashraechapters.org>

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:Twin Tier Newsletter Editor Email).

From Web site please visit: <http://twintiers.ashraechapters.org>

Go to the News Letter tab, and place your order to advertise your business card.

### Business Card Advertising 2017

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 2017. This is a great opportunity to get your name and business in front of the over 200 subscribers to our chapter newsletter. The price for the newsletter only is \$50 for the entire 2017 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:Twin Tier Newsletter Editor Email)

### Comments? Suggestions?

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