

THE LONG ISLAND SOUNDER



Long Island
Chapter

2023-2024

IN THIS ISSUE

President's Message	3
Meeting Program	4
Long Island Chapter Officers	5
Event Flyers	6
Meeting Schedule	7
Long Island Chapter Past Presidents	9
PAOE	10
History	11
Research Promotion	12
YEA	14
Government Affairs Committee	17
Membership Promotion	18
Sustainability	19
Student Activities	20
ASHRAE Certifications	22
ASHRAE 365	23
ASHRAE Conferences	24
Advertisements	25

PRESIDENT'S MESSAGE



On behalf of the 2022-2023 Board of Governors, I'd like to start by thanking Murat Bayramoglu for an outstanding job leading our chapter. Together, with the continued dedication and efforts of all board members and committee chairs, the Long Island Chapter proved yet once again, to have a very successful year. I'd also like to thank our chapter members. The continued support of our chapter members and industry stakeholders, allows the Long Island Chapter to grow and give continuously give back to the community. We cannot accomplish all of this without you!

We last left in June at our traditional end of the year celebration where a record-breaking amount of funds awarded to our student scholarship winners! Congratulations to the recipients and we wish you the best of luck in your future HVAC careers. Additionally, we held the annual inauguration of chapter officers and board of governor members. I have the upmost confidence in this year's

board of governors, committee chairs and co-chairs. Our chapter not only has a strong presence at the local level but also at the regional and society level as well. Round of applause to Liz Jedrlinic, Andy Manos and Murat Bayramoglu for brining our chapter to the next level and supporting other Region 1 chapter's growth and success outside of our local area!

While the summer always seems to fly by, the board has been working in preparations to continue the Long Island Chapter's legacy. The transition meeting was held in early August where budgeting, roles and responsibilities, upcoming programs/YEA events and chapter operations were discussed. We additionally appointed our first diversity and inclusion chair position.

On August 17th – August 19th ten (10) of the board members/committee chairs and some significant others attended the Region 1 Regional Conference hosted by the Connecticut Chapter at Foxwoods Casino. The event included a chiller plant technical tour, business meetings, terrific networking opportunities, training workshops and service award nominations. The Long Island Chapter received awards in multiple categories which is truly a testament to the hard work put in by our BOG throughout the year. I'm proud of the success of the chapter and look forward to another successful year.

As our organization is completely volunteer, I urge all who are interested in becoming involved in our organization to please reach out to myself or any of the board members. There are endless of opportunities network, volunteer and grow as an individual.

Look forward to seeing everyone in a few weeks!

M.Nigro

Long Island Chapter President

Chapter Monthly Meeting - Program for 2022/2023

<p>September 12, 2023* <i>At Westbury Manor</i></p> <p>Dinner Presentation – Smart Campuses: New Adaptations of Chilled Water Optimization Demand Flow Technology Strategies</p> <p>Presenter: Mark Benevides & Andrew Kozak</p> <p style="text-align: right;">**1 PDH**</p>	<p>March 13, 2024 * <i>At Westbury Manor</i></p> <p>Dinner Presentation— TBA</p> <p style="text-align: right;">**1 PDH**</p> <p>Student Activities Night YEA Night</p>
<p>October 10, 2023* <i>At Westbury Manor</i></p> <p>Dinner Presentations - TBA</p> <p style="text-align: right;">**1 PDH**</p>	<p>April 10, 2024</p> <p>Dinner Presentation— TBA</p> <p style="text-align: right;">**1 PDH**</p>
<p>November 7, 2023 * <i>At Westbury Manor</i></p> <p>Dinner Presentation— TBA **1 PDH**</p> <p>Membership Promotion Student Activities Night and YEA Night Resource Promotion Night</p>	<p>May 2024 * <i>Cherry Valley Club, Garden City, NY</i></p> <p>ANNUAL GOLF OUTING</p>
<p>December 12, 2023 * <i>At Westbury Manor</i></p> <p>Dinner Presentation— TBA</p> <p style="text-align: right;">**1 PDH**</p>	<p>May 15, 2024</p> <p>Annual Field Trip—TBA</p>
<p>January 9, 2024 * <i>At Westbury Manor</i></p> <p>Dinner Presentation— TBA **1 PDH**</p>	<p>June 12th 2024 * <i>At Westbury Manor</i></p> <p>Free Buffet Dinner for Members</p> <p>PAST PRESIDENTS NIGHT & OFFICER INSTALLATION STUDENT SCHOLARSHIPS TO BE AWARDED ASHRAE History Quiz and prize Give-A-Ways</p>
<p>February 6-8, 2024</p> <p>AHR Expo</p> <p>Location: Chicago, IL</p>	<p>July 2024- TBD (4pm-8pm) * <i>Dixie II @ Captree State Park Boat Basin, NY</i></p> <p>ANNUAL FISHING TRIP</p>
<p>February 20, 2024 * <i>At Westbury Manor</i></p> <p>Dinner Presentation— TBA</p> <p style="text-align: right;">**1 PDH**</p> <p>Membership Promotion Night Resource Promotion Night</p>	<p>August 2024</p> <p>CHAPTERS' REGIONAL CONFERENCE (CRC) REGION I GRANIT STATE</p>
<p>February 20-26, 2024</p> <p>NATIONAL ENGINEERS WEEK</p>	

Long Island Chapter Officers & Committees

ASHRAE 2023/2024

OFFICERS

POSITION	NAME	EMAIL
President	Michael Nigro	c006@ashrae.net
President-Elect	Elizabeth Jedrlinic	c006pe@ashrae.net
Vice President	Michael Razzano	c006vp@ashrae.net
Treasurer	Matthew Catan	c006tr@ashrae.net
Secretary	Zhigang XU	c006sec@ashrae.net
Board of Governors	Richard Smith	c006bog1@ashrae.net
Board of Governors	Michael S. Gerazounis	c006bog2@ashrae.net
Board of Governors	Thomas DiBenedetto	c006bog3@ashrae.net
Board of Governors	Matthew J. Vitrano	c006bog4@ashrae.net
Board of Governors	Murat Bayramoglu	c006bog5@ashrae.net

ASHRAE 2023/2024

COMMITTEES

COMMITTEE	NAME	EMAIL
Programs & Special Events	Michael Nigro	c006pe@ashrae.net
Membership (MP)	Murat Bayramoglu	c006mep@ashrae.net
Refrigeration	Matthew J. Vitrano	c006ref@ashrae.net
Chapter Technology Transfer (CTTC)	Thomas DiBenedetto	c006cttc@ashrae.net
Government Activities (GGAC)	Rich Smith	006ggac@ashrae.net
Newsletter Editor	Alexis H. Smith	c006ne@ashrae.net
Research Promotion (RP)	Peter Conte	c006rp@ashrae.net
Historian	Thomas DiBenedetto	c006his@ashrae.net
Student Activities (SA)	Zhigang Xu	c006sa@ashrae.net
Young Engineers in ASHRAE (YEA)	Steven Gerazounis	c006yea@ashrae.net
Webmaster	Frank Paradiso	c006web@ashrae.net
Nominating	Michael Gerazounis, PE, LEED AP	nominating@ashraeli.org
Reception & Attendance	Zhigang Xu / Matt Catan / Michael S. Gerazuonis	reception@ashraeli.org
PR & Engineering Joint Council of LI (EJCLI) Liaison	Andrew Manos, LEED AP	pr@ashraeli.org
Golf Outing	Peter Gerazounis, PE LEED AP	golf@ashraeli.org
Awards	Brian Simkins	c006ha@ashrae.net
ASHRAE LI, P.O. Box 79, Commack, NY 11725		

Editor's Note: The appearance of any technical data, editorial material, or advertisement in this set of publications does not constitute endorsement, warranty or guaranty by ASHRAE of any product, service, procedure, design, or the like. ASHRAE does not warrant that information is free from errors, and ASHRAE does not necessarily agree with any statement or opinion in this set of publications. The entire risk of the use of any information in this set of publications is assumed by the user. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission.



\$50

YAPHANK SKEET SHOOTING

When: Saturday, October 21st

Time: 9AM – 12PM

Location:

Suffolk County Skeet, Trap & Sporting Clays

165 Gerard Rd, Yaphank, NY 11980



Meeting Program



Dinner Presentation

Smart Campuses:
 New Adaptations of Chilled Water
 Optimization Demand Flow Technology
 Strategies



Presented by: Mark Benevides
 Director, Siemens Demand Flow
 Center of Excellence Siemens Industry, Smart Infrastructure
 Division

DATE:	TUESDAY, APRIL 11TH, 2023		
Time:	6:00 PM - Cocktails and Hors D'oeuvres 7:00 PM - Dinner Presentations 8:45 PM - Conclusion	Fee:	Members - \$50 pp Guests - \$70 pp Students - \$15 pp
Location:	WESTBURY MANOR (516) 333-7117 1100 Jericho Tpke., Westbury, NY 11590 Directions are posted at @ www.ashraeli.org		
Presentation:	The presentation will discuss: Smart Campuses: New Adaptations of Chilled Water Optimization Demand Flow Technology Strategies All attendees will receive 1 PDH.		
About our Speaker:	Mark Benevides is the Director for the Siemens Demand Flow Center of Excellence. This is a team of highly trained, experienced Engineers and Programmers tht are dedicated to Demand Flow Chilled water plant optimization projects. With nearly 40 combined years of Controls Engineering, Operations Management, Business Development and Directing the Demand Flow Center of Excellence, Mark brings years of experience to his role. For seven years Mark was responsible for introducing the Siemens Demand Flow solution to the world, from the Middle East to Asia / Australia. The last eight years Mark has focused his efforts on developing Demand Flow projects here in the US. Mark and the dedicated Demand Flow Ceneter of Excellence team has been involved in the optimization of over 500 chilled water plants. Mark has been a speaker for a number of ASHRAE events around the world. . Mark holds an Bachelor of Science in Architectural Engineering with a mechanical emphasis and an Associates degree in Project Management from the Milwaukee School of Engineering.		

Meeting Program



Dinner Presentation

Smart Campuses:
 New Adaptations of Chilled Water
 Optimization Demand Flow Technology
 Strategies



Presented by: Andrew Kozak, PE, AEE Fellow

DATE:	TUESDAY, APRIL 11TH, 2023		
Time:	6:00 PM - Cocktails and Hors D'oeuvres 7:00 PM - Dinner Presentations 8:45 PM - Conclusion	Fee:	Members - \$50 pp Guests - \$70 pp Students - \$15 pp
Location:	WESTBURY MANOR (516) 333-7117 1100 Jericho Tpke., Westbury, NY 11590 Directions are posted at @ www.ashraeli.org		
Presentation:	The presentation will discuss: Smart Campuses: New Adaptations of Chilled Water Optimization Demand Flow Technology Strategies All attendees will receive 1 PDH.		
About our Speaker:	Andrew's engineering career spans over 25 years engaging many diverse projects including hospitals, high rise buildings, higher education, thermal distribution networks, and work in the Canadian nuclear industry. Andrew is also an educator who lectures at both the Graduate and Undergraduate levels, most recently with the NYU Tandon School of Engineering. He is passionate about energy engineering and applies a deeply analytical and solutions driven approach to his work. This work recognized in the industry for Net Zero Carbon and Fossil Fuel Free buildings and campuses. His most recent major project completed in NYC is the NYU Paulson Center. Formerly known as 181 Mercer, this building is 750,000 sf, with a construction value of nearly \$2.0 BN. This project is located in Manhattan. BR+A worked closely with Siemens to adapt the Demand Flow technology to an Active Desiccant Dedicated Outdoor Air System. The Paulson Center is designed to achieve an energy consumption rate 42% lower than the NYC code requirement.		

Long Island Chapter - Past Presidents

1958	H. Campbell, Jr. PE	1990	Robert Rabell
1959	Clyde Alston, PE	1991	Gerald Berman
1960	Sidney Walzer, PE	1992	Donald Stahl
1961	Sidney Gayle	1993	Ronald Kilcarr
1962	William Kane	1994	Jerald Griliches
1963	Louis Bloom	1995	Walter Stark
1964	Milton Maxwell	1996	Joe Marino
1965	Will Reichenback	1997	Norm Maxwell, PE
1966	Joseph Minton, PE	1998	Alan Goerke, PE
1967	Irwin Miller	1999	Frank Morgigno
1968	Walter Gilroy	2000	Michael Gerazounis, PE, LEED AP
1969	Charles Henry	2001	Ray Schmitt
1970	William Wright	2002	Steven M. Stein, PE
1971	Louis Lenz	2003	Andrew Braum, PE
1972	Ronald Levine	2004	Claudio Darras, P.E.
1973	Henry Schulman	2005	Craig D. Marshall, P.E.
1974	Myron Goldberg	2006	John Nally
1975	John N. Haarhaus	2007	Peter Gerazounis, PE, LEED AP
1976	Richard K. Ennis	2008	Steven Friedman, PE, HFDP, LEED AP
1977	Kenneth A. Graff	2009	Steven Giammona, P.E., LEED AP
1978	Evans Lizardos, PE, LEED AP	2010	Nancy Román
1979	Albert Edelstein	2011	Carolyn Arote
1980	Ralph Butler	2012	Brian Simkins, LEED AP
1981	Robert Rose, PE	2013	Andrew Manos, LEED AP BD+C
1982	Timothy Murphy, PE	2014	Richard L. Rosner, P.E.
1983	Leon Taub, PE	2015	Thomas J. Fields, P.E., LEED AP
1984	Raymond Combs	2016	Donald Kane, P.E.
1985	Edward W. Hoffmann	2017	Andrew Dubel, P.E., LEED AP
1986	Jerome T. Norris, PE	2018	Richard Halley
1987	Abe Rubenstein, PE	2019	Frank Paradiso
1988	Michael O'Rourke	2020	James Hanna
1989	Mel Deimel	2021	Matthew J. Vitrano
		2022	Murat Bayramoglu

PAOE

What is ASHRAE PAOE?

The ASHRAE Presidential Award of Excellence (PAOE) is a society-wide point system to track and reward chapter achievements.

Each year, the Society President establishes the point-earning activities. In this way, chapters are mobilized to work toward common Society goals. Chapters enter points they earn in our online system, and earn awards at the Region and Society level for their achievements and commitment to excellence.

PAOE POINTS FOR 2022/2023

Chapter Members	Chapter Operations	CTTC	Communi-cations	GGAC	History	Member-ship	Research Promotion	Student Activities	YEA	Chapter PAOE Totals

FROM: Farooq Mehboob SUBJECT: PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

I am writing to you on 'Securing our Future,' a subject near and dear to us for ourselves, our families, and our beloved Society ASHRAE. This is our theme for this society year. We stand today on the threshold of the new era with its challenges, climate, economic and cultural changes to name a few. Yet we have new opportunities which await us in this digital age by global collaboration using the power of our relationships, knowledge and a willingness to change. To secure our future, every one of us needs to participate passionately in a transparent ASHRAE. The bedrock on which we will build our secure future is Diversity, Equity and Inclusion. Only then will we be able to harness the power of our relationships, harvest information in the service of our members, and embrace changes by breaking down silos and overcoming resistance to change. The PAOE system was created to provide guidance to Chapter leaders in planning your chapter activities. The goal of the 2021-2022 PAOE system was to offer a roadmap for successful Chapter operation. This year's PAOE program is designed to move our Society forward as I have explained and help in securing our future.

Historian



In today's energy conscious world, variable frequency drives (VFDs) are a commonplace component in almost every building. VFDs allow motor speeds to vary based on building needs, resulting in reduced energy consumption compared to other means of controlling motor speed. Before VFDs were introduced, many devices were invented to compensate for a constant speed motor that resulted in greater power usage than required for the application. These devices included dampers, inlet guide vanes, bypass valves, and or a series of resistors. Such devices convert the portion of energy beyond that needed for the application to waste heat that does no useful work.

The first device to vary voltage across the motor was developed in 1958. This was a solid-state device known as an SCR (Silicon-Controlled Rectifier). An SCR device gives the ability to control electricity flow and to stop flow as desired. Throughout the 1960s the cost effectiveness, reliability, and use of SCRs increased. In the 1970's, the development of large scale integrated (LSI) circuit technology brought about the next great shift in variable speed technology. LSI enabled hardware manufacturers to utilize thousands of transistors on a single chip, resulting in the advent of microprocessors and semiconductor memory. LSI technology further increased drive reliability and reduced manufacturing costs, though the drives were still large and bulky.



By the mid-1980s, the use of bi-polar pulse-width modulation (PWM) technology allowed drives to become smaller and more economical. This resulted in a greater acceptance, though noise still caused issues with motor control. In the 1990's, the launch of the inverter grade motor resolved the noise issue and led to greater acceptance throughout the industry. Moving forward to present day, the development of the microcomputer and advancements in manufacturing techniques reduced VFD size and cost, and further improved reliability and functionality. These improvements led to the economical development of micro-drives for smaller horsepower motors. "A 10-horsepower drive manufactured in the early 190's was large and bulky. Today, that same drive can be held in the palm of your hand at approximately 1/3 of the cost."

Looking forward, motor/drive compatibility will continue to improve, and motor/drive systems may one day be sold as packaged devices with micro-VFDs built into the motor conduit box, totally unexposed to the elements.

For more information about the evolution of motor and variable frequency drive technology, check out this linked article published on the ACEEE (American Council for an Energy-Efficient Economy) website:

https://www.aceee.org/files/proceedings/1995/data/papers/SS95_Panel2_Paper53.pdf

Thomas DiBenedetto
Historian



“If we knew what we’re doing it wouldn’t be called research”

– Albert Einstein

I would like to thank the companies who have participated in the annual Product Directory of Manufacturers and their Representatives. The product Directory has been prepared as a service to all its members and as a service to the local HVAC industry. It will be made available to all ASHRAE and non-ASHRAE members at no-cost and can be obtained from our monthly meetings or directly from our website.

Last year’s overall research promotion goal was \$2,450,000 with many research projects on board. Our chapter raised \$28,754 towards the overall goal. I am hoping that I can count on the continued support of all our past contributors who have generously supported us over the years. I also look forward to gaining the support of new contributors this coming year. Last year we were successful in beating our goal by over \$8,000 and am hopeful that this year we can continuously raise the bar.

Thank you to our contributors

Individuals

Mr. John D. Nally
Mr. Michael Gerazounis
Mr. Peter J. Conte, PE
Ms. Elizabeth Jedrlinic
Mr. Andrew E. Manos
Mr. Matthew Vitrano
Mr. Michael Nigro
Mr. Murat Bayramoglu
Mr. Michael Steven Gerazounis
Mr. Richard W. Smith
Mr. Michael H. Razzano
Mr. Frank Paradiso
Mr. Matthew K. Catan
Mr. Donald W. Kane, PE
Mr. Thomas Arthur DiBenedetto
Mr. Ronald J Kilcarr, PE, CEM
Mr. Albert Stark

Companies

Carrier Enterprise

Trane

SRS Enterprises

Klima

The BP Group

Contributions can be made in the following ways:

1. Mail checks, made out to ASHRAE Research Promotion to:

2. Peter Conte

ASHRAE Research Promotion Chair

PO BOX 79

Commack, NY 11725

3. Hand check to me at any of the chapter meetings.

4. PayPal from the ASHRAE Long Island Website

Click Donate Button

5. www.ashrae.org

Please make sure you accredit the contribution to the Long Island Chapter 006



- Pete Conte

Chairperson

YEA



Hello everyone, I am your YEA chair, Steven Gerazounis. I hope you all are looking forward to another great upcoming year! For all the new members if you are unfamiliar with the YEA committee, its purpose is to provide ASHRAE members 35 years old or younger with opportunities to network, educate and grow themselves through chapter events. Please check back regularly to the newsletter and on ASHRAE's website for all the news and opportunities available. I look forward to seeing as many of you as possible in the upcoming months at ASHRAE and YEA events!

On a Society level, ASHRAE offers many programs and events that can enhance the professional development of YEA members, such as Leadership Weekend, Leadership U, LeaDRS, and the HVAC Design Scholarship.

YEA Events



YEA Leadership Weekend 1.0

LEARN MORE



YEA Leadership Weekend 2.0

LEARN MORE



YEA Leadership International

LEARN MORE

YEA Programs



Leadership U

LEARN MORE



LeaDRS

LEARN MORE



HVAC Design Scholarship

LEARN MORE

<https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-events-and-programs>

Leadership Weekend 1.0

Join me in Chicago this fall (October 27th-29th) for YEA Leadership Weekend (YLW)! This event is for young professionals who are looking to improve in the areas of leadership, networking, communication, and professional development. YLW is led by Ralph Kison as he guides individuals through a self-discovery process that reveals their strengths, talents, gifts, and passion. In addition, there will be an optional technical tour of the iconic Willis Tower on October 26th. Please use the link below to register, and hurry if you are interested as registration closes on September 26th!

<https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-events-and-programs/yea-leadership-weekend>

Leadership U

If you wanted the opportunity to participate and follow regional and society officers there are two great options to do so! With Leadership U (4) YEA members will be selected for the winter or annual conference and attend all of their respective society officer's events, board meetings and social activities. Applications for the 2024 Winter Conference in Chicago are open until October 15th. Please use the link below to register and for more information.

<https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-events-and-programs/leadership-u>

LeaDRS

Similar to the Leadership U program, LeaDRS allows a region to select any ASHRAE member to shadow their Director and Regional Chair (DRC) at an ASHRAE Conference. To apply for this program you must contact the DRC directly. For Long Island that would be Steven Sill.

Region I : Mr. Steven C Sill

Email: R01drc@ashrae.net

HVAC Design Scholarship

Are you looking for the chance to get a better grasp of the fundamentals and technical aspects to design, install and maintain HVAC systems? YEA has a fantastic program to cover all of those bases with an attendance scholarship for either level I or II training. Applications for this program will begin in October so please be on the lookout to take advantage of this opportunity!

<https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-events-and-programs/yea-scholarship-for-hvac-design-essentials-training>

Technical Committees

Are you looking to get more involved with your industry or ASHRAE as a whole? Take a look to see if there are any technical committees that interest you!

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

Getting more involved gives you the opportunity to directly impact our industry and expand your knowledge base. To learn more about these committees you can also reach out via phone or email at:

404-636-8400

tcstaff@ashrae.net

YEA Awards

So many YEA members are deserving of awards for their hard work, dedication and faithful service to this society but don't receive them because people don't know they are eligible to be nominated. Please look into the numerous awards available for YEA members under the Honors and Awards tab.

<https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/honors-and-awards>

For any awards that you cannot nominate yourself or another YEA member you may need to reach out to your YEA Regional Vice Chair, Society YEA Committee member or Director and Regional Chair to provide them with the information they require to submit a nomination form.

2023 Decarbonization Challenge

ASHRAE President Ginger Scoggins, P.E. has announced her '23-'24 Society theme, Challenge Accepted: Tackling the Climate Crisis. Her plan includes a Decarbonization Challenge Fund, a year-long competitive grant (\$1,000 - \$10,000) program to implement decarbonization projects within local chapters. This program is implemented through the YEA Committee with grassroots outreach through YEA chairs/committees at each chapter and open to all ASHRAE members and chapters. Applications will be open through November 30th, 2023.

<https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-decarb-initiative>

Please feel free to reach out to me with any questions or comments about YEA.

- Steven Gerazounis

Government Affairs Committee (GAC)



Government Affairs

New Year with new challenges.

Hope everyone had a great Summer.

Looks like September has us lined up at the Starting Line and the gun is about to go off!

As expected, many mandates have been put in place and some new ones are being staged to start this January.

Let's start with common sense.....

Your reputation and unique insight is far more valuable than any gadget and super wonderful product will ever be to your clients. There is such a thing as the lesser of two evils or the Best to Worse scenario especially when it comes to the radical moves and changes to our industry.

(i.e.) You may be advising a client to put in something that will yield a fine but at a far lower cost over 15 to 20 years including the fine.

Something not thought about often enough is the Law of unintended Consequences.

If the Law of the Land states I need to electrify in 10 years but I need to replace my Boiler Plant today.... I may put in Mid efficiency equipment instead of High efficiency Boilers since I am scrapping them anyway. Now the Global Models are Thrown off and the law has contributed to lower efficiency equipment being used instead of the Higher efficiency solutions.

Then there's this thing with the refrigerants...R410A is history. It may still be legal and available but at what cost? Time to move on to the next Great Refrigerant? Which one, ones? What, those are not approved? Feels like things are moving too Fast...

It will be our focus, to help shape the pathway forward through these perilous times, Join the GAC Team and help shape our Tomorrow.

Richard Smith – GAC Chair.

Matt Catan – Co-Chair

006ggac@ashrae.net

MEMBERSHIP PROMOTION



ASHRAE Long Island Chapter’s activities were reinstated in September after a brief break in the summer seasons. The new board of governors under Michael Nigro’s leadership has taken the duty in the last June meeting. The new committee chairs and members attended training sessions at the regional convention (CRC) this year at Foxwoods Hotel in Connecticut to learn how to operate their committees and the chapter. Many thanks to the Connecticut chapter for organizing this yearly convention and connecting all committee members of Region I.

As a new Membership Promotion (MP) chair, I attended MP training instructed by the Regional Vice Chair (RVC) Chonghui Liu. Last year, the Long Island chapter had 272 active members, excluding student members. This year, we determined our net growth goal as 277 at the training session. We only need to add a net of 5 new members at the end of June 2024. We can easily surpass this goal with the contribution of our volunteers. We will promote activities to increase our membership. Follow our activities through this newsletter and LinkedIn.

Chapter Name	First Name	Start Total	Goal	Net Growth Goal	Net Growth Goal %
LONG ISLAND	Murat	272	5	277	1.8%

Here’s the good news. New members can sign up for either Winter or Summer conference for free. I encourage our new members to contact me if they want to sign up for a conference. Students only pay \$25 per year. The Smart Start program is still active. There are so many different options available at ashrae.org, and I’m always available to assist our members.

Lastly, I want to welcome our new members. I encourage them to attend monthly meetings to engage with Long Island’s industry professionals and learn from 1 PDH credited presentations. Our meetings at this great venue, Westbury Manor, allow guests to socially engage with free drinks during happy hour. Hope to see you all there.

- Bornhoft Glen P
- Burke Joseph William
- Diaz Gomez Adrian Jhansci
- Ottaviano Anthony
- Sgouros Peter
- Vayalickollattu Johney

Membership Promotion Chair
Murat Bayramoglu

Sustainability Committee



Hello everyone and welcome to ASHRAE 2023-24! The sustainability committee of the ASHRAE Long Island Chapter is looking forward to promoting insightful and educational events, meetings and seminars with the broad goal of promoting members to share their engineering knowledge and improve the world around them.

In the US, building emissions are estimated to contribute 777.53 million metric tons of CO₂ equivalent, escalating the rate of climate change on our planet^[1]. In order to mitigate this footprint, legislation has been passed at both the local level^{[2][3]} and at a federal level^[4] to incentivize green energy initiatives and discourage local building emissions.

Building decarbonization is an extremely popular topic in 2023, and I believe nearly all my fellow ASHRAE colleagues have been, and will continue to be affected professionally by this relatively new page in HVACR...

More events to come, please stay tuned!

Albert Stark
ASHRAE LI Sustainability Chair

[1]. <https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions#commercial-and-residential>

[2]. <https://www1.nyc.gov/site/sustainablebuildings/l197/local-law-97.page>

[3]. https://www1.nyc.gov/assets/buildings/local_laws/l1154of2021.pdf

[4]. <https://www.congress.gov/bill/117th-congress/house-bill/5376>

Student Activities



Student Activity Overview

Hello everyone! Welcome back for the exciting start of the 2023-2024 ASHRAE calendar.

As the Student Activities Chair, I am very honored to be the liaison for our ASHRAE Long Island Chapter to the bright young people in our region who are interested in HVAC&R industry.

As you may already know, each year, ASHRAE awards scholarships range from \$3,000 to \$12,500 each to help qualified students to achieve their educational goals. Over the course of 30 years ASHRAE has awarded over \$2.25 million to 400+ deserving students. Do you want to be one of them? Currently there are 53 ASHRAE Society Scholarships available for 2023-2024. **Applications due December 1, 2023.** Check this out:

<https://www.ashrae.org/communities/student-zone/scholarships-and-grants/ashrae-scholarship-program>

Also, the ASHRAE Student Activities Committee is offering five \$1,000 USD travel grants to help subsidize students to travel to the Winter Conference in Chicago in January 2024. **Applications due September 30, 2023.** If interested, please check for more details, and apply here:

<https://www.ashrae.org/communities/student-zone/scholarships-and-grants/student-activities-travel-grant>



Are you competitive? ASHRAE also has a Competition Program to enhance students' understanding of HVAC&R system design and sciences. 2024 Design Competition, 2024 Applied Engineering Challenge, 2023 Building EQ (Building Energy Quotient) Competition, 2023 ASHRAE High School Student Competition, 2023 HVAC&R Student Paper Competition, etc. are all going on, RIGHT NOW. Learn more details:

<https://www.ashrae.org/communities/student-zone/competitions>

Of course, there are even much more. Explore ASHRAE Student Zone:



<https://www.ashrae.org/communities/student-zone>

Please reach out for more information if you are interested in participating any of the above programs. If you have any suggestions or would like to assist in anyway with student activities, please let me know. I look forward to seeing a lot of young faces for ASHRAE Long Island!

Zhigang Xu

Student Activities Chair

ASHRAE CERTIFICATIONS

Certification



Certified

ASHRAE, accredited by ANSI under ISO/IEC 17024 for the High-Performance Building Design Professional (HBDP) program, has certified more than 2,000 Built Environmental Professionals.

Energy Assessment

Energy Modeling

Commissioning

Healthcare
Facility Design

High-Performance
Building Design

Building Operations

ASHRAE certification programs:

- Are developed by industry practitioners who understand the knowledge and experience that are expected for superior building design and system operation
- Assure employers and clients of subject mastery
- Serve as a springboard for continued professional development
- Offer an easy-to-apply process

FOR MORE INFORMATION GO TO - <https://www.ashrae.org/education--certification/certification>

Join ASHRAE on Social Media!



Follow **ASHRAE on Twitter** @ashraenews for up-to-date news, events, and articles about HVAC&R. Search #MyASHRAE on Twitter to see member photos from around the world.

Follow us on [Twitter](#)



Most Popular Tweets

Does It Cost More To Build Green? Benefits include reduced operating costs & construction waste.

Online Thermal Comfort Compliance Tool Included In New ASHRAE User's Manual.

87% of households in the US have #AC, 5% do in India. India's tough choice on air-conditioning and climate.



The November issue of the Journal is tested for binding strength to see how many times a page can be turned before the binding would fail.

Harvard & SUNY Upstate Medical University find that workers are healthier and happier in certified green buildings.

ASHRAE Standard 90.1 has been redefining energy savings since 1975. A new version is available now.

Adapting historical buildings for sustainable reuse.

Get To Know ASHRAE







CONSIDER CE APPLIED FOR YOUR NEXT COMMERCIAL APPLIED PROJECT

CE APPLIED SUPPORTS:

- Building Owners
- Developers
- Architects
- Engineers
- Contractors

CE Applied provides engineering expertise and applies proper HVAC solutions for a wide range of building environments

CE Applied is an experienced, talented group who strives for excellence with every project. Their high ethical standards provides their customers with peace of mind. They bring value by taking the time to focus on understanding customer needs and by delivering innovative solutions efficiently.



Proud Supporter of ASHRAE New York

NYC Metro Office, 499 Seventh Ave, 6th Floor,
New York, NY 10018 | ceapplied.com



Variable Refrigerant Flow (VRF) Air Conditioning Systems:
Air-Cooled and Water Cooled
Single phase Heat Recovery VRF



Unit Ventilators-Horizontal, Vertical, Hydronic, Steam and DX,
Fan Coil Units



Enthalpic core ERVs 12 inches tall, indoor and outdoor rated
from 600 to 6,000 CFM, Modular configuration, can be site
assembled to eliminate rigging.
Can integrate a chilled water or LG VRF DX Coil.



TOPVEX Energy Recovery Ventilators
GENIOX Energy Recovery Ventilators
CHANGEAIR Vertical Unit Ventilators



Cassette Style, Decorative and Ducted Hydronic Fan Coils



Grow Room HVAC Systems
Air Handling Systems from 1,200 to 44,800 CFM



Custom Energy Recovery Units, Make-Up Air Units,
Air Handling Units, Water or Air Cooled, Horizontal or Vertical



Modular Air Handlers up to 38,000 CFM,
ERV wheels and HRV Plates,
VFDs as Standard, DX Coils, HW or Chilled Water,
Knock-down capable



Horizontal and Vertical Water Sourced Heat Pumps,



Paragon Dedicated Outdoor Air Systems
Gas Fired Make Up Air Units



Packaged Rooftop Units and Split System Air Conditioners

**Complete Building Management
System Offerings from:**

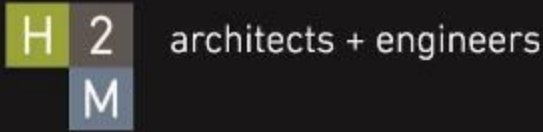


41-45 39th Street
Long Island City, NY 11104

532 Broadhollow Road Suite 142
Melville, NY 11747

212-678-5100 | www.klimany.com | sales@klimany.com

ADVERTISEMENTS



H2M IS PROUD TO
SUPPORT THE
ASHRAE
LONG ISLAND CHAPTER



BUILDING COMMUNITIES SINCE 1933

📍 New York - Albany | Melville | New York City | Riverhead | Suffern | Westchester
📍 New Jersey - Wall Township | Parsippany 📍 Connecticut - Windsor

📞 631.756.8000 | 🌐 h2m.com | f in @ 🐦



BUILDING SOLUTIONS

The Leader in Eco-Friendly HVAC Systems

CONSTRUCTION CREDIT SERVICES

**The recognized leader in construction industry collections
and A/R management in the tri-state area.**

- Total receivables management
- Problem account collection
- Credit application processing
- Lien & payment bond claim filing services

"Since engaging Construction Credit Services to manage our Accounts Receivable, I have been very pleased with the results we have received. By employing an effective collection strategy, strong follow up, and superior relationship building skills, Corey and his team have more than delivered on their promise to increase our cash flow and reduce bad debt write offs while preserving our valued customer relationships. I highly recommend their services!"

Craig Marshall, Principal, Accuspec, Inc.

Call today for a complimentary consultation!

T: 908-319-5155 | cdevito@constructioncreditservices.com
www.constructioncreditservices.com

Corey M. De Vito, President



SRS, a recognized leader effectively working to tailor specialized HVAC solutions for clients.

Since 1994, delivering leading-edge, high quality, sustainable HVAC solutions for air handling, hydronic, packaged refrigeration, and indoor air quality systems - realizing significant cost savings, and carbon footprint reductions for clients.

NEW YORK
2711 Harway Ave
Brooklyn, NY 11234
Phone (718) 714-4342
Fax (718) 714-4186

200 Stonehenge Lane, Ste #2
Carle Place, NY 11814
Phone (818) 332-8019
Fax (718) 714-4186

NEW JERSEY
14 Lawrenceville Road
Middletown, NJ 07748
Phone (732) 768-0684
Fax (732) 768-8028

sales@srs-enterprises.com

srs-enterprises.com

ADVERTISEMENTS

**PLACE YOUR
AD HERE**

MATT ROMANELLI
E-MAIL: MROMANELLI@GIL-BAR.COM



GIL-BAR INDUSTRIES

NEW YORK OFFICE
5 WEST 19TH STREET
NEW YORK, NY 10011
TEL: (212) 331-8272
FAX: (212) 331-8273

LONG ISLAND OFFICE
25 NEWBRIDGE ROAD
HICKSVILLE, NY 11801
TEL: (516) 216-4310
FAX: (516) 869-4042



631-491-1300 x16
FAX 631-491-8551

Ultimate Power Inc.

INDUSTRIAL BURNERS • BOILERS
GAS • OIL • BURNER SERVICE • A/C & INSTALLATION
NATIONAL BOARD CERTIFIED "R" STAMP REPAIR CO.
DDC CONTROL SYSTEMS
MECHANICAL CONTRACTORS FOR OVER 36 YEARS

RONALD MILANO
45 NANCY STREET
WEST BABYLON, NY 11704-1498
EMAIL: RMILANO@ULTIMATE-POWER.COM

**PLACE YOUR
AD HERE**

JAR

J. A. Robertson, PE
Mechanical Engineer
HVAC/Plumbing System Design

P.O. Box 4982
Richmond, Virginia, 23220
jar4d@alumni.virginia.edu
Licensed: DC/MD/VA

**PLACE YOUR
AD HERE**

**PLACE YOUR
AD HERE**



Frank D. Morgigno - President/CEO fm@atiorny.com

90 Plant Ave. • Str. 110 • Hauppauge, NY 11788
Tel: 631-331-0215 • Fax: 631-928-4625
www.atiorny.com

SIEMENS

Industry

Siemens Industry, Inc.
Building Technologies Division

50 Orville Drive
Bohemia, NY 11716
USA

Tel: +1 631 218-1000 Ext. 214
Fax: +1 631 218-1009
Mobile: +1 516 924-2913
vincent.catalano@siemens.com
us.siemens.com/buildingtechnologies

Vincent Catalano, C.E.M.
Account Manager

**chimney
DESIGN
solutions®**

134 W. 29TH ST., 11TH FL., NY, NY 10001
800-685-7077 FAX: 212-685-4777
chimney design solutions.com

**PLACE YOUR
AD HERE**

ADVERTISEMENTS

Advertising Rates:

***Business Card* \$200**

***Triple Size* \$350**

***Half Page* \$500**

***Full Page* \$800**

ASHRAE LI - P.O. Box 79 - Commack, NY 11725