



THE CHAMP

monthly newsletter

of the Champlain Valley Chapter of ASHRAE

PRESIDENT'S MESSAGE



Amazing to think April is already here. With the temperature finally reaching a more “normal” cold, I was finally able to get out and begin using up some of my Mad River Glen ski passes. Soon it will be corn snow season

(or as some call it, “ego” snow since it makes skiing so much easier).

We are approaching the end of our 2014-15 season. We have heard your comments and have decided to provide two technical presentations at the April and May meetings. As you know, March 2015 was the beginning of the new Commercial Building Energy Standard (CBES-2015). Our April meeting will be a double-header on review of the code and its cost implications. Invite your architect friends to join you in April.

The Nominating Committee will be presenting its 2015-16 slate at the April meeting.

You will see in Tom Zoller’s RP article that we are about \$1,200.00 short of our challenge goal of \$7,716.00. Please consider donating to RP before the year is over in June. Remember – this is the source of our research and publications efforts...Society-wide.

...continued on page 3

ASHRAE CVC UPCOMING EVENTS

April Chapter Meeting – 2015 VT Commercial Building Energy Standard (a.k.a. “The Code”)

Please join us on Wednesday, April 1st at the Holiday Inn for a technical presentation highlighting the major changes to the state’s energy code (the 2015 VT CBES) and discussion of the impacts on your upcoming commercial building projects.

Meeting Agenda:

- 5:00 Registration & Cash Bar
- 5:30-6:30 Technical Program #1
- 6:30 Dinner
- 7:15 Chapter Business
- 7:30 – 8:30 Technical Program #2

RSVP: <http://www.ashraevt.org/meeting-rsvp/>

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ASHRAE CVC MEETING CALENDAR

MONTH	MONTHLY MEETINGS		MONTHLY MEETING LOCATION
	BOG	DINNER	
2015			
January	15-Jan	15-Jan	Visit from ASHRAE President Thomas Phoenix
February	12-Feb	12-Feb	Lunch Meeting at Holiday Inn, So. Burlington
March	4-Mar	4-Mar	Brewery Tour at Queen City Brewery
April	1-Apr	1-Apr	CBES-2015 Review
May	6-May	6-May	Holiday Inn (TBD)
June	10-Jun	10-Jun	Annual Volleyball Tournament

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Chuck Kabrehl

V.P. Commercial Sales & Engineering
ckabrehl@rjmurray.com

Dan O'Connor

Commercial Sales Engineering
doconnor@rjmurray.com

7 Northway Lane, Latham, NY 12110
79 Holly Court, Williston, VT 05495
518-690-4455 518-690-4990 (f)

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TECHNOLOGY TRANSFER

Our April 1st meeting will have a 2-part presentation with three presenters at the Holiday Inn.

The presentation will be on the new 2015 VT Commercial Building Energy Standards (CBES-2015). Stu Slote and Keith Downes, both Associate Directors with Navigant, the consulting firm hired by the state of Vermont to develop the new standard will first present the major changes to the new standard followed by a more in depth look at the changes that effect our industry specifically.

Barry Murphy who works for Vermont Public Service Department will also be on hand help with the presentation as well as answer questions. This new standard went into effect on March 1st so we trust that there will be plenty of questions as well all get a chance to dig into it.

Keep an eye out for the April 1st meeting announcement later this month.

As always if anyone has any interest in sitting on the committee, or if anyone has any input or suggestions for future meetings I invite you to get in touch with me. My email is robw@vhv.com or I can be reached by phone at 802-861-6194.

Thanks and we hope to see you on April 1st.

- Rob Ward

Speaking of the Society – Registration is open for the Atlanta Annual Conference in June. You can find more information here: <https://www.ashrae.org/membership--conferences/conferences/2015-ashrae-annual-conference>. Imagine Atlanta at the end of June....well, compare that to Chicago in the middle of January! Someday they will make it to the northeast in the summer.

Mark Your Calendar! The June Volleyball Tournament has been scheduled for Friday, June 5th from Noon to 7:00PM at the Airport Park & Pavilion in Colchester. Rumor has it that the current champions from Alliance Mechanical have targets on their backs and many are out to dethrone them. Please plan to join us – whether you play or just come to eat and watch.

Inside this Newsletter, please take the time to read Pete Bailey's treasurer's report, Dick Wilcox's Government Grassroots article, Shawn Labelle's Student Activities Report. The Chapter remains strong and – as I note every month – we have you to thank for it.

As always, thank you for your support and participation with our local Chapter. I look forward to seeing you at the next meeting on April 1st.

- Rob Favali
ASHRAE CVC President 2014-15



What have you been waiting for?

LIKE ASHRAE CVC ON FACEBOOK TODAY!

TREASURE'S REPORT

As of March 19, 2015 our TD Bank account is \$14,037.93 with all bills paid up to date and our ASHRAE CVC account was reconciled on 3/9/15.

We have received (19) payments to date for our 2014-2015 Newsletter Advertising. We very much appreciate everyone's support as all monies that are collected, go directly for our Scholarship Programs.

If at any time, anyone has any questions regarding our chapters financial status please don't hesitate to contact me.

- Peter Bailey

ASHRAE CVC Treasurer 2014 - 2015

GRASSROOTS GOVERNMENT AFFAIRS COMMITTEE

Our State legislators are in full swing and there are a few items that our members should be aware of.

The Vermont House legislators have recently passed a bill related to renewable energy and has sent it to the Senate for action. The bill calls for Vermont to set up its own requirement that utilities get a specific percentage of their power from renewable sources, increasing to 75 percent by 2032. It also allows utilities to help customers weatherize their homes and install cold weather heat pumps to reduce carbon emissions tied to heating.

Here is a list of other bills that are a part of this year's legislation session:

H.39 An act relating to sales of ENERGY STAR® appliances

H.40 An act relating to establishing a renewable energy standard and energy transformation program

H.42 An act relating to energy assistance program fees

H.96 An act relating to costs of public utility energy facilities subject to Public Service Board siting review

H.100 An act relating to setback and screening requirements for solar generation plants

H.107 An act relating to the creation of the Office of the Landowner Advocate

H.119 An act relating to energy disclosure for multi-family residential buildings

H.134 An act relating to payment for excess generation by net metering customers

H.136 An act relating to residential building energy standards for rental multi-unit residential buildings

H.199 An act relating to siting approvals for energy facilities

H.276 An act relating to greater weight to municipal and regional plans in the siting of electric generation facilities

H.286 An act relating to prohibiting incentives for heat pumps if electric resistance heat is to be installed

H.287 An act relating to increasing delivery of weatherization and thermal energy efficiency

RESOURCE PROMOTION

services to Vermonters

H.341 An act relating to a role for municipal government in the siting of small solar net metering systems

H.358 An act relating to siting and decommissioning of solar generation facilities

H.360 An act relating to solar generation facilities and primary agricultural soils

H.427 An act relating to energy conservation standards for incandescent lamps

S.16 An act relating to siting charges for energy transmission facilities

S.48 An act relating to setback and screening requirements for solar generation plants

S.51 An act relating to establishing a renewable energy standard and energy transformation program

S.85 An act relating to setbacks and screening requirements for solar generation plants subject to Public Service Board siting review

S.86 An act relating to membership in multiple net metering groups

April is the month we should have information regarding the position that the Vermont Board of Professional Engineering (VBPE) will take regarding the MOE. We will provide information on how they voted in next month's newsletter.

- Dick Wilcox
GGAC Chair

We are inching toward our \$7,716 challenge goal. With some GE Foundation matching funds and an honor roll donation from Jim Moore. Currently we have raised \$6,499.

We still need your help to make our goal. Please join the honor roll donors below and make a donation of \$100 to ASHRAE RP. If you can't swing \$100, any amount will help and is appreciated.

You can donate online at www.ashraerp.com. Click on the upper right "donate" icon and you will be taken to the donation page. All donations are 100% tax deductible and 100% of the donation goes to research.

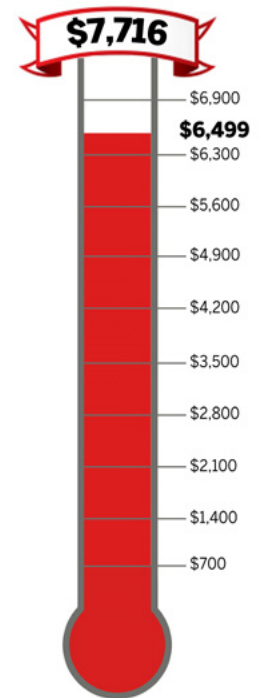
As always, if you have any questions about ASHRAE Resource Promotion, contact me at tzoller@trane.com, or 383-6444.

2014-15 Honor Roll Donors

Peter Tousley	Rob Favali
Blain Connor	Peter Bailey
Shawn Labelle	Tom Zoller, PE
Cody Lezak, PE	Jeremiah Trombly, PE
Dick Wilcox Nathan	Mascolino, PE
Mike Cook	Rachael Mascolino
Rob Ward	Josh Chiappone
John Grout	Martha Soule-Holden
Ray Spears	Greg Liebert
Emily Cross	Jim Moore

- Tom Zoller
Resource Promotion Chair

2014-15 Progress!!!



MEMBERSHIP PROMOTION

Hello Everyone,

Welcome to the month of March. I want to provide a quick membership update for our Chapter. We have one new member who joins us this month. Please join me in welcoming Dr. Karen Supan from Norwich University. Our delinquencies are down to three members right now. We are working diligently to get this number to zero by the end of the year, so please if you owe dues and receive a message from us, please do your best to pay up!

Also, you will see below an update from our Region 1 Membership Chair, Steven Sill. As you can see as a chapter we have eight total new members. The concerning number below is in regards to the amount of cancelations this year which needs to

become a focus for the Membership Committee. For the remainder of the year, we will be shifting our focus to work on getting some of those cancelled members signed back up.

Finally, please continue to encourage co-workers and affiliates to attend the monthly meetings with you. ASHRAE is only as strong as its members and the knowledge that they bring. With more and more participation, ASHRAE will continue to strive.

Thanks for your participation in our chapter, if you have any questions about membership, feel free to reach out.

See you at the meeting,
- Josh Chiappone
Membership Promotion Chair

ASHRAE REGION 1 MEMBERSHIP

Chapter #	Chapter	Area Assigned Members	% Delq.	Deliquent > 90 Days	% Delq. Rank	Total New Member	% New Member	Cancel	% Net Growth	% Growth Rank	Transfers	Total PAOE Points
146	Bi-State	210	3.30	7	10	18	8.49	16	0.94	2	-4	175
1	Boston	1031	2.65	27	6	77	7.57	74	0.29	4	11	845
10	Central New York	240	4.42	11	14	21	8.43	24	-1.20	9	-6	175
111	Champlain Valley	132	0.78	1	2	8	6.20	10	-1.55	10	5	175
4	Connecticut	496	2.23	11	5	29	5.87	31	-0.40	6	4	1105
152	Granite State	167	4.29	7	13	10	6.13	11	-0.61	7	5	175
6	Long Island	280	3.55	10	12	20	7.09	27	-2.48	12	5	530
118	Maine	174	2.98	5	7	12	7.14	8	2.38	1	2	0
7	New Jersey	634	3.25	21	9	38	5.88	58	-3.10	14	8	185
8	New York	904	3.39	30	11	84	9.49	77	0.79	3	12	805
12	Niagara /Frontier	174	5.03	9	15	9	5.03	14	-2.79	13	0	275
9	Northeast	270	3.00	8	8	17	6.37	20	-1.12	8	6	175
3	Rhode Island	105	5.56	6	16	8	7.41	10	-1.85	11	-1	275
11	Rochester	240	1.68	4	3	15	6.30	15	0.00	5	2	275
129	Twin Tiers	108	1.85	2	4	4	3.70	6	-1.85	11	2	585
	total	5165	47.94598	159	0	370	101.1201	401	-12.5621	0	51	

2015-16 NOMINATING COMMITTEE REPORT

The nominating committee, consisting of Steve Poole, Rob Ward, Martha Soule, and Tom Zoller, has met and reviewed potential candidates for the officer and BOG positions for the 2015-2016 ASHRAE year. After talking to members who were recommended or expressed interest, we have come up with the following slate of officers.

ASHRAE-VT Officers 2015-2016

1 President	Rob Ward
2 President-Elect	Blaine Connor
3 Vice President	Charlie Carpenter
4 Secretary	Martha Soule
5 Treasurer	Jeremiah Trombly

Board of Governors 2015-2016

1 Member	Rob Favali
2 Member	Nathan Mascolino
3 Member	Dick Wilcox
4 Member	Mike Cook
5 Member	Rachael Mascolino
6 Member	Shawn Labelle

Please note that Rob Ward is automatically president next year since he was president-elect last year. Rob Favali remains on the BOG next year, since he was president this year.

If any other members would like to be considered for any of these positions, please contact Tom Zoller at 802-383-6444, or tzoller@trane.com right away. The deadline is April 22, 2015 to be considered.

Voting will occur at the May ASHRAE meeting. If no other candidates emerge, we will vote the

entire slate as listed via show of hands during the May meeting.

Tom Zoller, PE

2015 Nominating Committee Chair

STUDENT ACTIVITIES

VTC Chapter

Committee Chair: Shawn LaBelle

Student Chapter Advisor: Chris Reilly

Student Chapter President: Courtney Hart

This year the Champlain Valley Chapter will be offering two scholarships again, the VTC ASHRAE Award and the Champlain Valley Past President's Memorial Scholarship. The VTC ASHRAE Award is given to a student that shows excellence in HVAC system design or who is active in ASHRAE at the student and local chapter levels. This student is selected by the faculty of the VTC Architectural & Building Engineering Technology department. The scholarship money is funded by all the proceeds from our newsletter advertisement. So a big thanks goes out to all who paid for an advertisement in the newsletter this year.

Just a reminder the 2015 ASHRAE Champlain Valley Past President Memorial Scholarship due date is Friday March 27th, 2014. Please make sure to have those submitted to Shawn LaBelle or Rob Favali either through mail or email by the due date. The application is posted on our website.

As always the students are looking for a few tour ideas for this year's student chapter. If you know of any tours that would be of interest please contact Chris Reilly at VTC or me.

Thanks!

- Shawn LaBelle, P.E.



BOG MEETING MINUTES

March 2015 BOG Meeting Minutes

Date: 03/04/2015

Location: Holiday Inn, South Burlington, VT

Called to Order: 4:25

Called to Order By: Rob Favali

Minutes Recorded By: Blaine Conner

ATTENDANTS

Nathan Mascolino	VHV
Rob Favali	DuBois & King Inc.
Blaine Conner	VMI
Mike Cook	ARC Mechanical
Jeremiah Trombly	MAS
Peter Bailey	DEI
Rob Ward	VHV
Dick Wilcox	VHV
Tom Zoller	Trane

LAST MEETING MINUTES

Nathan M. motioned to approve February meeting minutes as written, Mike C. seconded. The motion carries.

OFFICER REPORTS

1. Secretary - Blaine Conner

- a. No items.

2. Treasurer's Report - Peter Bailey

- a. Current Status – \$13,718.03 with all accounts

reconciled.

- b. We have collected \$1,600 in newsletter advertisements which goes towards ASHRAE CVC scholarships.

- c. Per last meeting the BOG has approved a total of \$3,500 to be put towards scholarships.

- d. Peter B. to follow up with the advertisers that have not paid in full yet (7 to date)

3. Resource Promotion - Tom Zoller

- a. Status Update.
- b. PAOE Update - No items to report

4. Chapter Programs - Rob Ward

- a. Update on speakers and topics for April and May

- i. April meeting: Not lined up at this time.

- ii. May Meeting: Not lined up at this time, but there is an intent to have a back-to-back presentation.

- b. Volleyball update: Information sent to Tom Z. on the sponsors from last year including last year's ledger sheet. Date is tentatively June 5th (a Friday) in Colchester.

- c. Nominating Committee Status: Cody L. is leaving which causes an opening in the Officers position. It was suggested that Blaine be nominated for President – Elect.

d. Will be seeking nominations for Vice President and Secretary positions.

e. Board positions that were discussed last meeting were confirmed.

i. Dick W. confirmed that he would be willing to remain on as Grassroots Government

ii. Research Promotion – Tom Z. willing to remain on as RP

iii. Technology Transfer – Typically President-Elect does this, so if Blaine C. is nominated and voted in as P-E he will take this position.

iv. Student Activities - Shawn L. willing to stay on if another person cannot be found. Gwen S. (D&K) suggested as a potential candidate. It was discussed that being both Student Activities and Technology Transfer would be difficult.

v. Awards Committee – Tom D.

vi. Membership – Perhaps someone from VEIC?

vii. Nominating committee - Tom Z., Steve Poole, Rob W. and Martha Soule

5. Membership - Josh Chiappone

a. No report.

6. Grassroots Government - Dick Wilcox (in absentia)

a. Report is in the newsletter on the MoE discussion at the VT Board of Engineering

b. It seems like a vote from the Board will not happen until April

c. There is a vacant position on the Board (citizen member)

d. Dick recommends that anyone who knows any structural engineers not in favor of MoE write a letter to the Board.

e. New CBES is now in effect – copies will be available soon.

7. General Chapter Business - Rob Favali

a. Hotel Contract Update

8. New Business

a. Hotel Contract:

i. CVC has ended the relationship with Hampton Inn. Rob F. has sent an email and a letter but has not heard back.

ii. CVC will be at the Holiday Inn for the remainder of the meetings and hopefully through next year.

b. This March meeting is abbreviated because the BOG held a meeting two weeks ago.

c. CRC is coming up in April/May

9 Motion to Adjourn:

a. A motion was made by Dick W. to adjourn the meeting. It was seconded by Nathan M. and the motion was carried. The meeting adjourned at 5:15 pm

These minutes are the writers understanding of the discussions involved. If there are any exceptions taken, or omissions, please notify the writer immediately.

MARCH MEETING NOTES

Date: 3/4/15

Location: Queen City Brewery

Our March meeting was at the new Queen City Brewery on Pine Street in Burlington. We had about 25 people show up for a tour of the facility and a tasting from \$4 flights. The beer is good....real good. Personally I prefer the darker type but their series of German brews could easily change my mind. I would encourage taking a taste when you have the chance. I understand that they are available through local restaurants and by purchasing at the brewery. Check them out at <http://queencitybrewery.com>.

From there we moved on to the Holiday Inn for our first try of the new venue. Many folks commented to me that they like the facility. The

food was good, the room nice, and the location is real convenient to I-89.

If you have any comments on the evening, please let me know.

-Rob Favali

March Meeting Attendees List

Ray Hickey	ACS
Tim Houle	ACS
John Lincoln	BED retired
John Johnston	BreadLoaf Corp.
Michael VanHorn	Control Technologies
Brent Weigel	Cx Associates
Peter Bailey	DEI
Rob Favali	DuBois & King Inc.
Thomas Paquet	DuBois & King Inc.
Mike Spasyk	DuBois & King Inc.
Gwendolen St. Sauveur	DuBois & King Inc.
Charlie Carpenter	Efficiency Vermont
Dan Reilly	Gourley Company
David Durgin	Guest of John Lincoln
Gregory Liebert	Liebert Engineering, Inc.
Jeremiah Trombly	Mountain Air Systems
Karen Supan	Norwich University
William Moore	TCorp
Jason Hudspath	Thermal Environment Sales
Tom Zoller	Trane
Rich Fredette	Urell Inc.
Shawn LaBelle	Vermont Heating & Ventilating
Nathan Mascolino	Vermont Heating & Ventilating
Steve Poole	Vermont Heating & Ventilating
Rob Ward	Vermont Heating & Ventilating
Dick Wilcox	Vermont Heating & Ventilating
Blaine Conner	Vermont Mechanical Inc.
John Grout	Victaulic



SAVE THE DATE!



Join Us at
**ASHRAE's 2015
 Annual Conference**

June 27–July 1 | Atlanta, GA

www.ashrae.org/atlanta



Do You Know Your ASHRAE REGION I Chapters?

ASHRAE has 14 Regions that reach virtually into the entire world. Vermont is in Region I which has 15 chapters from Maine to New Jersey.

- | | |
|------------------|------------------|
| Boston | Boston, MA |
| Rhode Island | Providence, RI |
| Connecticut | Hartford, CT |
| Long Island | Garden City, NY |
| New Jersey | Newark, NJ |
| New York | New York, NY |
| Northeast | Albany, NY |
| Central New York | Syracuse, NY |
| Rochester | Rochester, NY |
| Niagara Frontier | Buffalo, NY |
| Champlain Valley | Burlington, VT |
| Maine | Lewiston, ME |
| Twin Tiers | Owego, NY |
| Bi-State | White Plains, NY |
| Granite State | Manchester, NH |

LIKE ASHRAE CVC ON FACEBOOK TODAY!



WE NEED YOUR HELP!

Your Board is grateful for the attention you take to register on-line. This is a huge help to us and genuinely helps our planning. However, we need to fine tune your efforts. Here are a few requests as we continue to use the on-line system:

1. Register “Yes” only once. Once you register, you do not need to do it again every time you see the reminder to register.
2. If you need to cancel, please register “No” and you will be deleted.



Here is the really important point: If you register for the dinner but are a “No Show”, the Chapter has to pay for your dinner. This is because your President has to give the hotel a count 2 days before the meeting. Please...it is so important that you delete your registration once you know you cannot make it.

But here is the really bad news: If you register and do not cancel and do not show, we will have to begin send you notices of payment due. Last month we barely broke even because we had a couple of folks not show up. It may seem like a casual thing to simply decide at the last minute to not attend but your “no show” costs us.

So please help!

Excerpt from “People, Passion and Performance”

“Thanks to our more than 50,000 members around the globe, ASHRAE is building a worldwide best practices network of innovative people and successful technologies to serve the built environment community. Our membership also has great passion – I see that in how much time and dedication our people give to helping write standards, develop research, guide in policy and procedure, etc. Together, our people plus their passion ensure performance – whether that’s improving the performance of our great Society or improving the performance of building stock around the world. Our people, our passion and our performance will take ASHRAE to the next level.”

Tom Phoenix, P.E. President, ASHRAE

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Manufactures’ representative and specialty distributor providing solutions that allow sustained use of water and thermal energy resources... For a better world.

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Here Today, Here Tomorrow

What is an endowment and why is it important to ASHRAE?

Don't think of an endowment as merely an investment account. Think of an endowment as a "Gift to the Future." ASHRAE Foundation's endowment insures that its donor's gifts will support the long-term continuity and sustainability of ASHRAE and the multiple initiatives supported by the Foundation. These gifts in the form of the endowments provide a permanent source of income to support the education, research, and public service missions of ASHRAE. These endowed gifts are managed for the long-term to strike a balance between the competing demands of funding current initiatives and preserving purchasing power to fund future operations.

The source of nearly all the Foundation's endowment has come from gifts from generous ASHRAE members with an eye on the future. Many of these donors restrict their gifts to a specific purpose such as scholarships for training engineers or other restrictions that reflect the donor's priorities. Some donors provide unrestricted gifts that enable the ASHRAE Foundation to provide support for future needs that may not be obvious today.

In the past, gifts placed in endowment were limited to distributing only their net income for charitable purposes. The law governing these gifts has been updated to allow investment managers to invest for total return instead of just income. That means the spending power of your gifts are strong and the principal can grow to meet future needs. Since its founding 20 years ago, the ASHRAE Foundation has annually authorized a 5% distribution to support the purposes of the various funds.

Why do endowments matter to the average ASHRAE member?

Creating your Gift to the Future allows you to continue to give far into the future. Let's say you give an annual gift or \$1,000 to the RP campaign. If you establish an endowed fund, either now or from your estate, of \$20,000 your fund will continue to make a \$1,000 gift to support RP in perpetuity. Also, when your endowment fund grows in excess of its annual distribution, your principal increases and future distributions can grow as well

How can I make a Gift to the Future?

Endowed funds can be established now so that you can create a fund to support an ASHRAE initiative of interest to you. All it takes is a simple agreement describing your intentions. The minimum amount for an endowed scholarship is \$100,000. The minimum for an RP endowment is \$3,000. You can also create an endowment as part of your estate plans or add to an existing endowed fund from part of the generosity of your estate.

If you would like more information on how you can leave a legacy for the ASHRAE Foundation, please contact Margaret Smith at msmith@ashrae.org, tel: 678-539-1201.

ASHRAE CHAMPLAIN VALLEY CHAPTER PAST PRESIDENTS RECOGNITION PAGE

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Order	Society Year Served	Name	Order	Society Year Served	Name
1	1969-70	William Lotz, PE	24	1992-93	Richard J. Wilcox
2	1970-71	Robert Miller	25	1993-94	Jon A. Soter, PE
3	1971-72	Richard Bowler Jr., PE	26	1994-95	Leo Ioannou
4	1972-73	Robert Coughlin	27	1995-96	Michael A. Gallo, PE
5	1973-74	Don Johnson	28	1996-97	Steve Poole
6	1974-75	Gordon W. Root, Sr., PE	29	1997-98	Michael Rose
7	1975-76	Jack Couture, PE	30	1998-99	Leo Ioannou
8	1976-77	Giustino N. Mastro, PE	31	1999-2000	Ken Couture
9	1977-78	Neil Vallencourt, PE	32	2000-01	Peter Tousley
10	1978-79	William Moore, PE	33	2001-02	Russ Pratt, PE
11	1979-80	Oscar Blatchly, PE	34	2002-03	Amy (Cota) Patenaude. PE
12	1980-81	Stuart N. King	35	2003-04	David Anderson
13	1981-82	Andrew Rudin, PE	36	2004-05	Tom Zoller, PE
14	1982-83	Ted Meade, PE	37	2005-06	Bill Atkinson, PE
15	1983-84	William A. Fyfe, PE	38	2006-07	Jay Pilliod
16	1984-85	Edward Seraydarin	39	2007-08	Jerry Chabot, PE
17	1985-86	Roger M. Kerr	40	2008-09	Heather Condon
18	1986-87	Lois Root	41	2009-10	Peter F. Bailey
19	1987-88	Mike Poirer	42	2010-11	Shawn LaBelle, PE
20	1988-89	Thomas Wolfstitch	43	2011-12	Michael R. Cook
21	1989-90	Bernard J. Young	44	2012-13	Thomas F. Dacres, Jr.
22	1990-91	Edward E. Pearson, PE	45	2013-14	Nathan Mascolino, PE
23	1991-92	Gordon W. Root, Jr., PE	46	(Present)	Robert J. Favali



Chapter Past Presidents with Tom Phoenix & Joe Furman

GENERAL MEETING

Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.

Vision Statement

ASHRAE

- ~ Will be the global leader in the arts and sciences of heading, ventilation, air conditioning & refrigeration.
- ~ Will be the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines.
- ~ Will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

PRESIDENTIAL AWARD OF EXCELLENCE TOTALS

Presidential Award of Excellence (PAOE) is the point system ASHRAE Region and Society use to help track the Chapter's activities. The chapter gets points in the below categories for activities that we do throughout the year. The awards banner that you see at the meetings represents CVC's accomplishments over the years. Below are definitions of what some of those awards are. If you want to know more about PAOE check out the www.ashrae.org website and do a search for the PAOE newsletter.

End of Year Awards Available to the Chapter:

PAOE: Minimum in five of the six categories

Special Citation: Minimum in 5 of the 6 categories with a minimum total of 4600 points

STAR: PAR in all categories

Honor Roll: PAOE for at least 4 consecutive years

High Honor Roll: STAR for at least 4 consecutive years

Premier: PAOE every year since the chapter's inception or since 1970; minimum of 4 years; chapter's first year is excluded

Sustainability Activities Award: A Chapter Sustainability Award in the form of a certificate is available for each chapter that obtains a total of at least 200 points from the items listed under Sustainability

Activities in the Chapter Operations category of PAOE. The Chapter with the highest PAOE Sustainability point total will receive a Regional award in the form of a glass plaque and a certificate. Level 1 = less than 100 members; Level 2 = 100-249, Level 3 = 250-449, Level 4 = 500 or more.

Category	PAR	2014 - 2015
Membership Promotion	800	110
Student Activities	500	936
Technology Transfer	1050	275
Research & Promotion	1050	1305
History	300	150
Grassroots Government Activities	650	350
Chapter Operations	1000	825
Chapter TOTAL	5050	3951

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Technology Transfer	Robert Ward III, LEED AP 802-861- 6194 robw@vhv.com
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Subscription to the newsletter and membership questions should be directed to Joshua Chiappone (518) 817-8669 or joshua.j.chiappone@jci.com

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Joshua Chiappone
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