



Ottawa Valley Chapter

September Meeting Venue Change

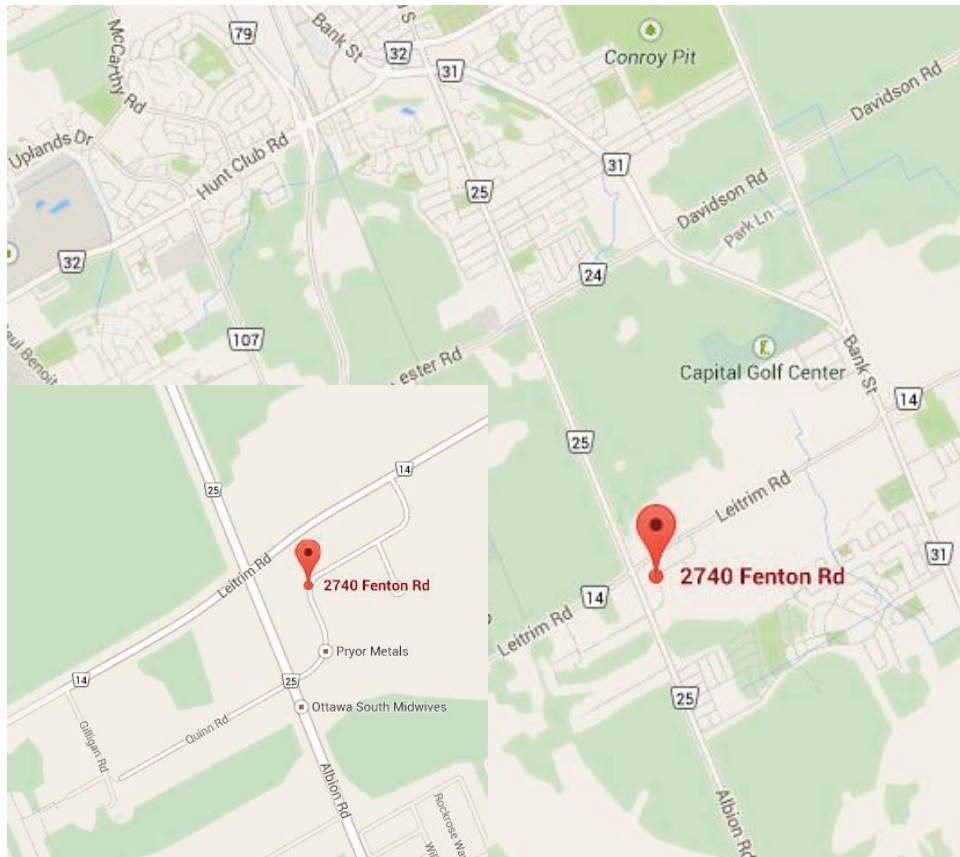
As in years past, we will be holding the September OVC meeting at a special location. This year we're happy to have Nortec host the event at their manufacturing facility. Please see below for the location, schedule and directions. We look forward to seeing everyone there!

LOCATION **Nortec Humidity Ltd. 2740 Fenton Rd. Gloucester**

SCHEDULE

- 16:00** - Factory Tour
- 17:00** - Technical Presentation
- 17:30** - Social
- 18:30** - Dinner
- 19:30** - Program
- 20:30** - Adjournment

DIRECTIONS



President's Message

I'd like to take this opportunity to welcome everyone to the 2014-15 **ASHRAE** year for the Ottawa Valley Chapter. There are a few new things to comment on this year. First, we welcome **Adam Graham** to the executive of the chapter in the role of Secretary. This is a substantial commitment, as Adam has begun his walk through the chairs to eventually become chapter president. I've worked with Adam regularly for many years, and have the utmost confidence in him. We also welcome two new Governors to the board. **Aaron Dobson** has been the chair of our History committee for some time, and is our resident photographer. **Richard Cameron** is a past chair of Student Affairs, and is our current Communiqué editor. As any of these three will tell you, volunteering for **ASHRAE** is a very rewarding experience, and is an opportunity to grow in our industry and give back to the community. Please consider volunteering for one of our committees. Contact myself or any of the board members for more details.

The yearly Chapter Regional Conference (CRC) is being hosted by the London chapter this year, and is being held in Grand Bend. More details on this can be found in the CRC article further in the Communiqué.

We are finishing up the details on a great program, which will begin with our first meeting being held at **Nortec's manufacturing facility on Fenton Rd.** This will include a technical tour of the facility, as well as our typical evening presentation. The remainder of the meetings will be held at the same facility as last year, **Restaurant International at Algonquin College.**

The program will expand on the yearly theme of Mentorship. We are planning technical sessions to offer to our membership centered on this theme, and we will continue to promote **ASHRAE** OVC's involvement with our local colleges and universities, as well as through our participation in the local high school science fair.



President & CRC Delegate

Steve Moons

2014-2015 OVC President

Total HVAC

E-mail: Stevem@totalhvac.com

To conclude, the board and executive have been working hard behind the scenes this summer to ensure a quality year for all of our membership. Enjoy the rest of your summer, and I look forward to seeing all of you in September.

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News Update

ASHRAE INSTALLS NEW OFFICERS, DIRECTORS

SEATTLE – **ASHRAE** has installed new officers and directors for 2014-15 at its Annual Meeting held here June 28-July 2.

The new president is **Thomas H. Phoenix**, P.E., Fellow **ASHRAE**, **ASHRAE**-Certified Building Energy Assessment and Building Energy Modeling Professional, principal and vice president, Moser Mayer Phoenix Associates, Greensboro, N.C. His presidential theme is People, Passion, Performance.

He says, "People, passion and performance are three things that come to mind when I think about **ASHRAE**. Thanks to our 53,000 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 ensures performance – whether that's improving the performance of our great Society or improving the performance of building stock around the world."

Other officers installed for a one-year term are:

- **President-Elect: T. David Underwood**, P.Eng., Fellow **ASHRAE**, Life Member, **ASHRAE**-Certified Commissioning Process Management Professional, Oakville, Ontario, Canada
- **Treasurer: Timothy G. Wentz**, P.E., Fellow **ASHRAE**, **ASHRAE**-Certified High Performance Building Design Professional, associate professor, University of Nebraska – Lincoln, Neb.
- **Vice President: Darryl K. Boyce**, P.Eng., Fellow **ASHRAE**, assistant vice president (Facilities Management and Planning), Carleton University, **Ottawa, Ontario, Canada**

- Vice President: **Charles "Chuck" E. Gullledge III**, P.E., Member, **ASHRAE**-Certified High Performance Building Design Professional, senior mechanical engineer, AC Corporation, Greensboro, N.C.

- **Vice President: Bjarne W. Olesen**, Ph.D., Fellow **ASHRAE**, Life Member, professor, Technical University of Denmark, Kongens Lyngby, Denmark

- **Vice President: James K. Val-lort**, Fellow **ASHRAE**, senior vice president, Environmental Systems Design, Chicago, Ill.

ASHRAE installed the following directors to serve a three-year term from 2014-2017:

- Region VII Director and Region Chair: **Larry J. Fisher**, founder, ECT Services, Louisville, Ky.
- Region VIII Director and Regional Chair: **William K. Klock**, P.E., vice president, EEA Consulting Engineers, Austin, Texas
- Region IX Director and Regional Chair: **Blake E. Ellis**, P.E., principal, Burns & McDonnell, Kansas City, Mo.
- Region X Director and Regional Chair: **Karine Leblanc**, sales engineer, U.S. Air Conditioning Distributors, City of Industry, Calif.
- Region-at-Large: **Farooq Mehboob**, P.E., Fellow **ASHRAE**, Life Member, owner, S. Mehboob and Co., Consulting Engineers, Karachi, Pakistan
- Director-at-Large: Mark W. Fly, P.E., Fellow **ASHRAE**, director of engineering and government affairs, AAON, Tulsa, Okla.
- Director-at-Large: **Daniel Int-Hout III**, Fellow **ASHRAE**, Life Member, chief engineer, Krueger, Richardson, Texas
- Director-at-Large: **Mick Schwedler**, P.E., manager, applications engineering, Trane, La Crosse, Wis.

ASHRAE INTRODUCES NEW STRATEGIC PLAN AT 2014 ANNUAL CONFERENCE

ATLANTA – Major actions taken at **ASHRAE**'s 2014 Annual Conference included introduction of its strategic plan, creation of a new indoor air quality alliance, and announcement of a milestone related to its research program and Foundation.



Governor Daniel Redmond

2014-2015 Chapter
Technology Transfer Chair
MMM Group

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Some 1,700 people attended the Conference, held June 28-July 2 in Seattle, Wash. During the Conference, **ASHRAE** introduced its newly adopted Strategic Plan. The plan's four strategic goals—connect, educate, extend, and adapt—serve as broad statements of what the organization most wants and expects to accomplish over the next several years. The goals are supported, in each case, by a handful of objectives that further define specific accomplishments to pursue within the plan horizon.

2013-14 President **Bill Bahnfleth** noted that the Society has had many significant accomplishments this year, but he views the most important one to be the new plan. The plan can be viewed at www.ashrae.org/strategicplan.

"Planning provides our map from the present to the future," Bahnfleth said. "In laying the groundwork for the new plan that can guide us over the next three to five years, we asked key questions of ourselves and others. Who are our members and what are their needs? How do we structure our Society to be truly global and financially sound? **ASHRAE** is a conservative organization and has a strong reputation and good financial health to show for it. However, there are times when we have to venture beyond certainties to meet new challenges and take advantage of critical opportunities. I believe we have been in such a period for nearly a decade. This plan allows us to be more proactive in shaping our future."

Coincidentally, Bahnfleth's father, Presidential Member **Don Bahnfleth**, oversaw creation of the Society's first strategic plan adopted in 1985. "We could not fully capitalize on the strength of our members' volunteer commitment if we did not provide a stable platform on which progress toward a collective goal could be built on from year to year," **Don Bahnfleth** said back in 1985 about the importance of planning.

The adoption of the new plan also shows how times have changed: the Society used **ASHRAExCHANGE**, its member-based social media platform, to engage the membership in discussion about the plan and how **ASHRAE** should evolve to meet industry and professional needs. **ASHRAExCHANGE** completed its first year of operation June 22, 2013, attracting 15,120 users who generated a total of 80,082 page views, during that period. The Society also used its Association App to make attendees aware of the new plan.

In other news, it was announced that **ASHRAE's** 2013-14 RP campaign reached a new high of **\$2.35 million** donated by members, chapters and companies. **ASHRAE** RP Campaign funds are used to support ongoing research projects, **ASHRAE** Learning Institute, YEA Leadership activities and scholarships. In addition, the **ASHRAE** Foundation also surpassed a significant milestone -- more than **\$10 million** in funds and endowments. These funds are used to support the Society's scholarships and educational programs.

In addition, a memorandum of understanding creating the Indoor Environment Quality Global Alliance was signed. Other groups joining the Alliance are the American Industrial Hygiene Association (AIHA), Air Infiltration and Ventilation Centre (AIVC), the Air & Waste Management Association (AWMA), the Indoor Air Quality Association (IAQA) and the Federation of European Heating and Air-Conditioning Associations (REHVA). The newly formed Alliance seeks to serve as a global source for information, guidance and knowledge on indoor environmental quality. More information can be found at www.ieq-ga.net.

The new president for 2014-15 is **Thomas H. Phoenix**, P.E., Fellow **ASHRAE**, **ASHRAE**-Certified Building Energy Assessment and Building Energy Modeling Professional, principal and vice president, Moser Mayer Phoenix Associates, Greensboro, N.C. His presidential theme is People, Passion, Performance. The speech is available at www.ashrae.org/phoenix.

The Conference featured one Professional Development Seminar and seven Short Courses from **ASHRAE** Learning Institute. The most popular courses were "Commissioning for High-Performance Buildings," "Designing High-Performance Healthcare HVAC Systems," and "Exceeding Standard 90.1-2013 to Meet LEED® Requirements."

Best selling publications in the bookstore at the Conference included **ASHRAE** Green Guide, 4th ed., Pocket Guide, 8th ed.; District Heating and Cooling Guides Set; **ASHRAE** Guide for Buildings in Hot & Humid Climates, 2nd ed.; Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings; and the newly published Standard 90.1-2013 User's Manual; Guideline 13-2014, Specifying Building Automation Systems; and Guideline 0-2013, The Commissioning Process.

ASHRAE also offered its certification exams for the first time at an Annual Conference. Exams administered in Seattle were the Building Energy Modeling Professional and Building Energy Assessment Professional.

ASHRAE's 2015 Winter Conference takes place in Chicago, Ill., Jan. 24-28, at the Palmer House Hilton. Held in conjunction with the Winter Conference is the AHR Exposition, Jan. 26-28, at McCormick Place.



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2014 ASHRAE Golf Tournament

A big Thank You goes out to all those who participated and volunteered in the 2014 **ASHRAE** Golf Tournament. While the dinner venue arrangements did not work out quite as planned, the staff at The Marshes worked very hard to deal with the change in plans and provide us with a successful event. The break in the weather worked out fantastically as we managed to dodge massive amounts of rain both before and after the event.

Congratulations to this year's event winner **Team Thermec** represented by **Pierre Seguin, Marc Sabourin, Dave Pullyblank** and **Eric Colevan**. Well done gentlemen on a quality round of golf.

There are many volunteers who generously gave of their time to ensure this was a successful event. **Stan Millross, Cathy Godin, Posy Healey, Rod Potter, Steve Moons, Pat Albert** and **Aaron Dobson** among others all generously offered a lending hand or more.

I would also like to thank all the companies that participated in this year's event and the many companies that sponsored the tournament. This year's edition of the tournament was a sell out and the level of sponsorship was excellent. Event sponsors are listed once again below.

Airtron Canada, Alliance Engineering, Dilfo HVAC Services, Dilfo Mechanical Contractors, E. H. Price, Engineered Air, Goodkey, Weedmark & Associates, HTS Engineering, J. L. Richards, Longhill Energy Products, Master Group, Mastron Mechanical Contractors, McKee Engineering, MMM Group, Modern Niagara Ottawa, Morrison Hershfield, Nortec, Smith + Andersen, TAMCO, Thermec Insulation, Siemens Canada Ltd., Total HVAC Inc., Trane Canada (Ottawa), Walmar Mechanical, Walmar Ventilation, WSP Canada Inc., and Yorkland Controls.



Special Events

Andrew Douma

2014-2015 Special Events Committee Co-Chair

Total HVAC

E-mail: andrewd@totalhvac.com

Thanks to the efforts and support of everybody this year's golf tournament was able to raise over **\$9,000** for **ASHRAE** Research and for the Ottawa Valley Chapter. These monies will be staying in Canada and will be going towards further research and development of standards and guide lines that will benefit our industry.

Thanks again to everybody for their support of the **ASHRAE** Golf Tournament and we look forward to seeing everybody again next year.

Sincerely,
Your 2014 ASHRAE Golf Tournament Organizing Committee

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2014 Stroke Play Golf Tournament

Ladies and Gentlemen,

We are proud to continue the **ASHRAE** Stroke Play Golf Championship again this year.

The intent of this golf tournament is to encourage the fellowship and camaraderie that **ASHRAE** is known for. To that end, golfers of all abilities are welcome to participate. That said, we will play the game as per RCGA rules in a stroke play format. There will be no flights or handicaps applied, and the lowest score on the day will win. There will be no Mulligans, do-overs, foot-wedges or gimmies, and a handout outlining some of the rules to remember will be provided. As this is a purely social event, there will be no auctions, prizes or sponsorship, just an enjoyable, competitive round of golf.

The tournament will be held on **Friday, Sept. 26th, 2014 at The Canadian Golf & Country Club**. The registration will be done on-line, via the link at the bottom of this article. Registration will start at 8:30am; first tee time will be at 10:00am. We will assign the participants into foursomes, teeing off in succession. Registrant's final tee times will be dependant on the total number of entrants. In the interest of keeping costs down, your registration fee of **\$60** includes green fees only. Meals and carts can be purchased individually at the course on the day of the tournament.

Please register on-line through the Simple Signup website, link below. Participants will be contacted before the tournament to be given their tee time and last minute details. If you have any questions, or need more information, please contact

Registration Link: <https://ashraeottawa.simplesignup.ca/en/19/index.php?m=eventsList>



President & CRC Delegate

Steve Moons

2014-2015 OVC President

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2014 CRC

The Chapter Regional Conference (CRC) is an event held every year in our region, with each chapter hosting the event in turn. This year, the London chapter hosts the event, being held at the Oakwood Resort in Grand Bend. This is a bit of a homecoming for me, as much of my childhood was spent in south-western Ontario on the beaches of Lake Huron. As President, I will be attending as the OVC delegate, with President Elect **Georges Maamari** attending as the alternate delegate. Georges and I will meet in caucus with the delegates and alternates from the other chapters to help direct the region, and voice our issues to **ASHRAE** at the society level.

The event also involves break-out training sessions for many of our committee chairs. We will have our chairs attending for Membership Promotion (**Adam Moons**), Student Activities (**Adrienne Mitani**), History (**Aaron Dobson**), Chapter Technology Transfer Committee (CTTC) (**Brian Tohana**), and Young Engineers in **ASHRAE** (YEA) (**Joe Della Valle**). **Chris Fudge** continues in his role as Regional Vice Chair (RVC) for CTTC. We also have **Rod Potter** starting his first year as History RVC, taking over for **George Menzies**. Rod has big shoes to fill, but is definitely up to the task. Both he and Chris will lead their respective break-out sessions to train all the chapter chairs. Ottawa Valley Chapter is very well represented at the CRC with two of our members acting as RVC's. It is a reflection of our membership that we are asked to fill these roles, and have the people willing and able to do so.



President & CRC Delegate

Steve Moons

2014-2015 OVC President

Total HVAC

E-mail: Stevem@totalhvac.com

The CRC will run from Friday, Aug. 22nd through noon on Sunday, Aug. 24th. A summary of the event will be shared in the September Communique.

Membership Promotion

Greetings Everyone!

As a fellow member of the engineering community here in Ottawa I am reaching out to invite you to learn more about **ASHRAE** and our local Ottawa Valley Chapter.

We are a successful and growing chapter of **ASHRAE**, offering the local engineering community an opportunity to network, and take advantage of the many benefits of **ASHRAE** membership. **ASHRAE** is the largest international organization focused on shaping the built environment, with over 54,000 members in 128 countries.

We welcome you to attend any of our meetings or events at your convenience. If you would like to learn more about **ASHRAE**, our chapter, or membership in general, please let me know. I'd be happy to answer any questions, and look forward to welcoming you at our next chapter event.

New members receive one year complimentary subscription to the **ASHRAE** Handbook online in addition to a print copy of the annual **ASHRAE** Handbook, and discounts on all publications.

Continuing Education & Certification: As a member you will receive discounted registration on all seminars and courses, which provide high-quality, authoritative, and credible technical information.

Get Involved Locally: Chapter and Regional events such as Chapter meetings, and Chapter Regional Conference's (CRCs) are a great way to meet others in your area and expand your network.

Participate on Technical or Standards Committees: The knowledge you will gain from volunteering with **ASHRAE** is priceless. Take a look at the committees and volunteer opportunities available to you, and learn how to participate.

It's the start of a new **ASHRAE** season. Take advantage!!



Committee Chair

Adam Moons

2014-2015 Membership

Committee Chair

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I would also like to introduce and welcome the following new members:

- **Mr. Benoît Rabouin**
- **Ms. Lisa Paterick**
- **Mr. Stephen D Longo**
- **Mr. Hootan Tamizi, Eng**
- **Mr. Alex Roy**
- **Mr. Wael Khalaf**
- **Mr. Alex McCaffrey**
- **Mr. Greg L Pon**
- **Mr. Mamadou Kone, PhD**
- **Mr. Federico Alvarez**

Looking forward to seeing you at the next **ASHRAE** event!

2014 Bowling Social

Ladies and Gentlemen,

You are cordially invited to participate in the 2014 ASHRAE Bowling Social, to be held on **Wednesday November 19th, 2014** at the Merivale Bowling Center (1916 Merivale Rd., Ottawa, www.merivalebowlingcentre.com).

The format will be three games with 4 people per lane. 7:00 pm start. Please show up at 6:30 to register. The entry fee is **\$200** per foursome, or **\$60** per individual. The entry fee includes warm-up, 3 games, shoe rental and plenty of nachos/wings/pizza. Individual participants will be assigned into groups of four.

This is intended to be a social event to promote the camaraderie and fellowship of **ASHRAE**, please consider attending. Numbers need to be finalized by the first week of November, so please register early. The registration link and information will be posted in the upcoming September issue of the communiqué. Registrations will be confirmed via email receipt. If you have any questions, or need more information, please don't hesitate to contact me.



Committee Chair

Adam Moons

2014-2015 Membership

Committee Chair

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Products**

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2014-2015

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Steve Moons

President-Elect

Georges Maamari

Treasurer

Abbey Saunders

Secretary

Adam Graham

Governors

Richard Cameron

Chris Fudge

Aaron Dobson

Chris Frauley

Daniel Redmond

Past President

Roderic Potter

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Sandy Taylor

Audit

Stephen Lynch

Capital Communiqué

Richard Cameron

Celine Baribeau

CRC

Steve Moons

CTTC

Daniel Redmond

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Mike Swayne

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Aaron Dobson

Membership

Promotion

Adam Moons

Nominations &

Awards

Robert Kilpatrick

PAOE

Georges Maamari

Program

Brian Tohana

Atma Anantram

Research

Promotion

Georges Maamari

Roster

Georges Maamari

Special Events

Chris Healey

Andrew Douma

Student

Activities

Adrienne Mitani

Table Top

Andrew Klassen

YEA

Joe Della Valle

Website

Roderic Potter

Advertising

Advertising career opportunities on the **ASHRAE** Ottawa Valley website makes good business sense. We offer a unique way to reach technical professionals and make your ad dollars work hard for you.



E-mail: Stevem@totalhvac.com

President & CRC Delegate

Steve Moons

2014-2015 OVC President

Total HVAC

To discuss your needs, contact one of our chapter officers, via our "This Year" page. Increase the impact of your advertising through the **ASHRAE** Ottawa Valley website today.

Rates for career opportunities ads are as follows:

Chapter Member: \$50/month

Non-member: \$250/month

Placement of an Ad

We suggest that you complete and submit our advertisement form to speed up the processing of your request. If you have provided your e-mail address, a confirmation receipt e-mail will be sent to you for reference.

Please note that ads require prepayment made to the treasurer. Please register and pay online or for payment and other information contact **Abbey Saunders** at abbey.saunders@nrc-cnrc.gc.ca.

The ads will appear on the website until the end date for publication provided in the submitted form. To extend the ad, please resubmit the form with the new publication dates and the required prepayment amounts.

ASHRAE Table Top Opportunity

We currently have table-top availability for several of the 2014-2015 **ASHRAE OVC** meetings.

Cost for a table-top is \$225 and spaces are starting to fill up.

Please register and pay online or let **Adam Graham** (adam.graham@hts.com) or **Abbey Saunders** (abbey.saunders@nrc-cnrc.gc.ca) if you are interested and we will ensure that you are booked in accordingly.

Business Card Advertisements

You can support your chapter and promote your business by placing your business card in the Capital Communiqué. It will also appear on the chapter website.



Publicity

2014-2015 Publicity

Committee Co-Chair

HTS Engineering

Ltd.

E-mail:

rod@htseng.com

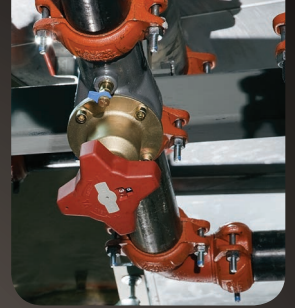
The cost is \$250.00 for the year. Please contact **Rod Lancefield** at rod@htseng.com for more details.

 <p>Jp2g Consultants Inc. ENGINEERS ■ PLANNERS ■ PROJECT MANAGERS</p> <p>1150 Morrison Drive Suite 410 Ottawa, Ontario K2H 8S9</p> <p>Mike Swayne, P. Eng. Director of Building Services</p> <p>Phone: 613-828-7800 Fax: 613-828-2600 email: mswayne@jp2g.com</p>	 <p>AMERESCO Green • Clean • Sustainable</p> <p>ROY SAMHABER, P. ENG. senior project manager</p> <p>P: 613 224 7500 x6158 P: 888 283 7267 F: 613 224 3726 rsamhaber@ameresco.com ameresco.ca Ameresco Canada Inc. 106 Colonnade Rd N, Ste 200 Ottawa, ON K2E 7L6</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Green • Clean • Sustainable</p>
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ENERGY INSIGHTS

OTTAWA

Tuesday, September 16
Ottawa Convention Center



Victaulic and TA Hydraulics invite you to TA's Hydronic College Seminar:

Energy Insights – Optimizing hydronic systems for energy savings.

This **free seminar** reveals how to draw the greatest efficiency from HVAC systems - including an **average energy reduction of nearly 30%**.

Know the facts of HVAC efficiency...

The seminar will highlight the many opportunities and methods available to save energy through hydronic optimization. Learn how to analyze a system, how to identify the saving opportunities within it, and which measures can be implemented to draw the optimal benefit. Energy Insights will also quantify the realistic savings associated with each potential action and how to put them into practical use with real benefit!

Gain a first-hand experience of TA Hydraulics expertise as it applies to practical application of:

- ▶ Manual Balancing
- ▶ Differential Pressure Control
- ▶ Pressure Independent Balancing & Control Valves (PIBCV)

PROGRAM & AGENDA:

The Energy Insights seminar will present four modules covering:

- ▶ Energy saving in production units
- ▶ Energy savings in distribution
- ▶ The value of precise room temperature
- ▶ General case studies

1:00 pm - Sign In

2:00 pm - Seminar Begins

5:40 pm - Seminar Concludes with Q & A

6:00 pm - Refreshments & Dinner

Attendees will receive a certificate of attendance and 3.0 PDH credits.



REGISTER TODAY:

Registration is FREE but limited.
Reserve your space today online at:

www.victaulicbalancingseminars.com



Hundreds of design engineers and balancing contractors throughout North America agree that these seminars are educational opportunities that can't be missed.

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