



DATE: Tuesday January 16th, 2024
16:30 – 21:00 Hrs EST

LOCATION: Centurion Conference & Event Center
170 Colonnade Rd S, Nepean, ON K2E 7J5

THEMES: Young Engineers in ASHRAE (YEA)

PROGRAM: Adiabatic Humidification Technologies for Decarbonization

Nicholas Lea, P.Eng., will be giving a presentation exploring how humidification and evaporation technologies fit into decarbonization strategies, with a particular focus on energy efficiency benefits that can be unlocked with evaporative technologies.

January Meeting Agenda

- 4:30PM-5:30PM Tech Session: ASHRAE Standard 62.1
Speaker: Don Weekes
- 5:30PM-6:15PM Social Hour
- 6:15PM-6:45PM Business Session
- 6:45PM-7:45PM Dinner
- 7:45PM-9:00PM Adiabatic Humidification Technologies for Decarbonization
Speaker: Nicholas Lea

Below prices for attendance (+ HST)

ASHRAE Associate/Affiliate/Member:	\$50.00	ASHRAE Member Guest:	\$50.00
ASHRAE Student:	\$35.00	Non-Member:	\$67.00

[Meeting 4 - January 16th, 2024](#)

PROGRAM: Adiabatic Humidification Technologies for Decarbonization

To face the environmental challenges of tomorrow, we must begin decarbonizing our buildings today. However, we must also take recent lessons in healthy indoor environments into consideration. In this presentation, we will explore how humidification and evaporation technologies fit into decarbonization strategies, with a particular focus on energy efficiency benefits that can be unlocked with evaporative technologies. The topic will begin with a brief review of indoor humidity terminology and theory as well as traditional applications for humidity control and commonly available technologies. We will then review some common drivers of decarbonization and talk about how various humidity control products may fit into decarbonization strategies. For the second half of the presentation, we will discuss evaporative humidification and cooling technologies in greater detail, including examples of direct and indirect evaporative cooling applications. We will conclude with a short overview of the latest in evaporative technologies. To face the environmental challenges of tomorrow, we must begin decarbonizing our buildings today. However, we must also take recent lessons in healthy indoor environments into consideration. In this presentation, we will explore how humidification and evaporation technologies fit into decarbonization strategies, with a particular focus on energy efficiency benefits that can be unlocked with evaporative technologies.

The presentation will begin with a brief review of indoor humidity terminology and theory as well as traditional applications for humidity control and commonly available technologies. We will then review some common drivers of decarbonization and talk about how various humidity control products may fit into decarbonization strategies. For the second half of the presentation, we will discuss evaporative humidification and cooling technologies in greater detail, including examples of direct and indirect evaporative cooling applications. We will conclude with a short overview of the latest in evaporative technologies.

Attendees can expect to gain a deeper understanding of: • Humidity control in buildings • How decarbonization and humidity control technologies interact • Approaches for reducing energy usage with evaporative cooling • Modern Evaporative technologies.

Speaker: Nicholas Lea, P.Eng.

Nicholas Lea is the Head of Product and Sales Support for North America at Condair Ltd. based in Ottawa, Ontario. He is a graduate of Carleton University and holds a Bachelor of Engineering degree in Mechanical Engineering. As well, he is a licensed Professional Engineer in the province of Ontario and a LEED-accredited professional, with a specialization in building design and construction (LEED AP BD+C).



Nick’s dedication to the HVAC industry is evident through his participation on ASHRAE Technical Committees 5.11 (Humidifiers), where he previously served as Chair, and TC 5.7 (Evaporative Cooling). Additionally, Nick is active within the HVAC Manufacturers Industry Association, AHRI, where he is Chair of the Humidifiers Educational Working Group. He is a contributing author for ASHRAE Method of Test 164.3 and 164.4, AHRI Standard 620, and AHRI Standard 640.

 <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 7L5</p>	<p>Automated Logic</p> <p>Rishav Goel Account Executive, Sales Automated Logic - Canada, Ltd.</p> <p>Rishav.Goel@carrier.com T: (613) 599-7708 M: (343) 549-9260 88 Hines Road Ottawa, Ontario, CANADA K2K 2T8 www.automatedlogic.com</p> <p>A Carrier Company</p>	<p>Mark Csiffary P.Eng. President</p> <p>BAXTEC MECHANICAL SERVICES</p> <p>2470 Don Reid Drive Ottawa ON K1H 1E1 mark@baxtec.com www.baxtec.com W: 613-738-7450 C: 613-229-8277</p>
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President's Message

Thank you for a great 2023! We are excited to move into 2024 and all of the upcoming activities including some seminars, the career fair, the curling bonspiel and other social events coming up. If you or someone else wants to stay up to date you are now able to subscribe to the [calendar](#) on the website (Google, iCalendar or Outlook 365), feel free to get in touch for more information.



President
Adrienne Mitani
2023-2024
OVC President
Smith + Andersen

E-mail:
Adrienne.Mitani@smithandandersen.com

We had a fantastic November meeting presentation by Wael Khalaf of HTS Engineering on wastewater energy recovery, that showcased many ways to recover heat from building sanitary drainage. We also recognized some backlog of Research Promotion donors from during the COVID years, when many of the local business and members generously donated to help us fund more industry Research. There are plans to present last year's donors in the new year.

January's theme is Young Engineers in ASHRAE (YEA), which has been a foundation of the chapter. YEA includes anyone 35 and younger in the chapter and it is an important way that the chapter supports and includes newcomers to the industry. ASHRAE can be confusing to anyone joining with the acronyms, committees and the many different sides with the technical committees and standards, to Society, Region and Chapter levels of involvement. YEA helps provide an inclusive space for members to learn and network with their peers especially in low stakes environments like socials. Help us support these many young members of our industry by talking to them at the next ASHRAE meeting, we can pass on all of the things we have learned through the years to these new members. We also recommend the YEA [Leadership Weekends](#), [Leadership Academy](#), [LeaDRS](#), and [Leadership U](#), there are many ways to get involved and [many awards](#), like the [Developing Leader](#), which Jayson Bursill accepted in 2022! We would love to nominate more of our members. If you are interested in any of the above, we have many Ottawa members who have attended or received these awards and can give you more information. Feel free to reach out to myself or Jayson for more information.

Happy Holidays and we are looking forward to seeing you all in the new year!

Adrienne Mitani
2023-2024 OVC President

 <p>Belimo Aircontrols (CAN), Inc. 5845 Kennedy Road Mississauga, ON L4Z 2G3 Direct: +1 905-712-2046 Cell: +1 902-222-8599 Fax: +1 905-712-3124 gordon.inkpen@ca.belimo.com www.belimo.ca</p> <p>Gordon Inkpen District Sales Manager - Eastern Canada, Atlantic & Ottawa</p>	<p>ENGINEERING PERFORMANCE...</p>  <p>... mechanical, electrical, building automation, environmental, ...</p> <p>advanced sustainable building systems</p> <p>Patrick St-Onge, P. Eng. LEED AP 613-596-6454 bpa.ca 1960 Robertson Road, Suite 100, Ottawa, Ontario, K2H 5B9</p>	<p>ERIC MONTAMBEAULT President / CTO</p> <p>eric@controlsdepot.com</p> <p>2-5509 Canotek Ottawa, ON K1J 9J8 1-877-221-1477</p> <p>www.controlsdepot.com Beyond Building Technologies</p>
 <p>Brevin MacKay Engineering Sales / Account Manager Gorski, Plener and Associates (GPA inc) Ottawa, ON</p> <p>Direct: (613) 218-9686 Office: (343) 488-3000 Email: bmackay@gpa-inc.ca</p> 	  <p>FRANCIS W.A. BANN, P. Eng. Principal, Senior Mechanical Engineer</p> <p>613.727.5111 x. 224 1888 Woodward Drive Ottawa, Ontario K2C 3R8 fbann@gwal.com www.gwal.com</p>	<p>Rod Lancefield P.Eng. LEED® AP Engineering Sales rod.lancefield@hts.com C 613.851.1997</p> <p>HTS Ottawa 830 Campbell Avenue Ottawa, Ontario K2A 2C2 T 416.661.3400 Ext: 2803 F 613.728.8032 Toll Free 1.800.850.0567 hts.com/ontario</p>  <p>BEST MANAGED COMPANIES Platinum member</p>

What You Missed

The 3rd program meeting of the 2023/2024 OVC ASHRAE season was held on November 21st, 2023, at Centurion Conference and Events Centre. The meeting had 42 members, and 3 guests in attendance.

The program for the evening was Wastewater Energy Recovery – The Final Frontier, presented by Wael Khalaf. President Adrienne Mitani called the meeting to order and acknowledged the Algonquin Nation and our industry’s connection to the unceded land. Adrienne introduced the Executive, Board of Governors. Secretary Matthew Moore introduced the guests. MP Chair and Region II Student Activities RVC Elizabeth Primeau welcomed the new members and students.

A CTTC update was provided by Elikem Wotortsi. Within the update, the new ASHRAE certification, Certified Decarbonization Professional, was introduced. Membership was also reminded of the March 1, 2024 deadline for ASHRAE technology awards.

The prizes for the night’s RP raffle were tickets to the Nordik Spa, generously donated by Trane. Following this, President Adrienne Mitani announced the program topic for the evening, *Wastewater Energy Recovery – The Final Frontier* presented by Wael Khalaf.

Wael’s presentation provided a comprehensive review of the current wastewater energy recovery systems currently on the market, outlining the progression of the technology over recent years and the potential business and environmental case to be included on future projects. Wastewater energy is considered the “final frontier” in energy recovery, as wasting energy down the drain is the last remaining area where building owners are still willing to accept large amounts of energy loss.

Wael’s presentation covered the local factors to the Ottawa market when incorporating wastewater energy recovery systems. Interestingly, it was of note that the average wastewater temperature in Ottawa in the coldest times of the year is between 10-15^o, and the coldest time of the year for wastewater is not in the dead of winter, but rather, due to snow melt runoff in early spring.

Two types of wastewater recovery systems were covered:

- Passive Energy Recovery
 - Consisting of a copper tube wrapped around the main drain line
- Active Wastewater Energy Recovery
 - Consisting of a large drain tank, from which a heat pump extracts heat before sending the wastewater out to the city


To end, Wael discussed proper sizing parameters when implementing these systems, and the current view on OBC compliance with the City of Ottawa.

The next meeting is scheduled for January 16th at the Centurion Conference and Event Center.



Secretary
Matthew Moore
2023-2024
OVC Secretary
Chorley+Bisset

E-mail: matthew.moore@chorley.com

 <p>Jim Evenson P.Eng., ing., LEED AP Senior Associate; Chief Mechanical Engineer</p> <p>jevenson@jrichards.ca T: 343-804-4385 C: 613-222-7209 www.jrichards.ca</p> <p>J.L. Richards & Associates Limited 343 Preston Street Tower II, Suite 1000 Ottawa Ontario K1S 1N4</p>	<p>Jp2g Consultants Inc.</p> <p>Mark MacIsaac, P.Eng. Mechanical Team Lead</p>  <p>1150 Morrison Drive, Suite 410 Ottawa, ON K2H 8S9 Cell: 613.697.4721 Email: MarkM@jp2g.com</p>	 <p>Chris Harrison President</p> <p>chrish@longhill.ca Phone and cell option 613-226-3856 ext. 24 Fax: 613-226-2715 124 Reus Rd., Ottawa, Ontario K0A 1L0 www.longhill.ca</p> <p>The Energy Conservation People</p>
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News Update

ASHRAE To Present Integrative Building Decarbonization Solutions at COP 28

ASHRAE, a global leader in sustainable technology resources for the built environment, will present innovative building decarbonization solutions at the upcoming 2023 United Nations Climate Change Conference (COP 28). The conference, hosted by the COP 28 UAE Presidency, will take place in Dubai from 30 November to 12 December 2023 and will bring together industry leaders, elected officials, policymakers, scientists, and businesses to collaborate on climate action and shape a more sustainable future.

During the conference, ASHRAE will showcase the power of design-thinking and consensus-based standards in providing integrated solutions for the entire lifecycle of buildings, aiming to decarbonize the sector as a whole. With the Society's expertise in developing standards and guidance, ASHRAE offers a scalable framework that empowers governments, building owners and operators in adopting sustainable building practices.

"Decarbonization of our existing global building stock is one of the greatest challenges in achieving sustained reductions in greenhouse gas (GHG) emissions," said 2023-24 ASHRAE President Ginger Scoggins, P.E., Fellow ASHRAE. "ASHRAE's commitment to developing consensus-based standards and guidance provides an excellent foundation for governments and municipalities to make the transition to a more sustainable future. We are proud to support the goals of COP28 and consider it a privilege to collaborate with like-minded industry partners from around the world on solutions that accelerate our goal for all buildings to operate at net zero by 2050 or sooner."

Find out more [here](#).



Committee Chair
Elikem Wotortsi
2023-2024 OVC
CTTC
Stantec

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ASHRAE Technology AWARDS

The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation. Their designs incorporate ASHRAE standards for effective energy management and IAQ. Projects are categorized as shown, and winners in each category are selected at the Chapter, Region, and Society levels. At the Society level, System Performance is proven through one year's actual, verifiable operating data. **The deadline for applying at the Chapter level is MARCH 1ST, 2024.**

For more information, visit www.ashrae.org/technologyawards or reach out to Elikem Wotortsi (CTTC Chair), David Eckel (CTTC Co-Chair), or Trevor Thomson (CTTC BOG Rep).

- Commercial Buildings (New, Existing, Existing Building Commissioning)
- Institutional Buildings (New, Existing, Existing Building Commissioning)
- Health Care Facilities (New, Existing, Existing Building Commissioning)
- Industrial Facilities or Processes (New, Existing, Existing Building Commissioning)
- Public Assembly (New, Existing, Existing Building Commissioning)
- Residential (New, Existing, Existing Building Commissioning)



Committee Chair
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2023-2024 OVC
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2024 Curling Bonspiel

The ASHRAE Annual Curling Bonspiel is returning in 2024! It will be held once again at the **Nepean Sportsplex** on **Friday, March 15th, 2024**.

We are looking for up to 20 teams (4 players per team) this year. As the costs of goods and services rise, the price per team has had to be increased to **\$500.00**.

There will be practice ice available between 11 am-11:45 am with the first rock of the Bonspiel being thrown at **12:00PM**. Dinner will follow at approximately 6:00 pm at the Richmond Room on site.

For food allergies any other questions, please contact Committee Chair Mitchell Geis at 613-714-6588 or Mitchell.geis@condair.com (email preferred).

We look forward to seeing everyone at the event once again next year!

Event Registration: [LINK](#).



Committee Chair

Mitchell Geis
2023-2024 OVC
Curling Bonspiel
Condair LTD.

E-mail: mitchell.geis@condair.com

2023 ASHRAE Bowling Social Recap

Hello ASHRAE OVC!

I wanted to thank everyone that participated in the 2023 ASHRAE Bowling Social on Nov 30th! I hope that everybody enjoyed their evening spent with fellow ASHRAE OVC and industry members.

The results:

A venue change to West Park Lanes in Westboro didn't seem to shake 2022 champions Team Ainsworth's confidence in their ability to defend their title. However, the team of individuals including Joel, Descartes and Alex stepped up to the challenge leading for most of the night, and with a final best score of 559. In an exciting final game, coming down to the last shot, Ainsworth was able to pull out a best score of 563 to win the 2023 title!

Trophy with plaque will be presented in the new year at the January OVC meeting!

Thanks again to all who participated. See you in the New Year!



Committee Chair

Marlee Spiegelberg
2023-2024 OVC
DEI & Bowling
Condair LTD.

E-mail:

marlee.spiegelberg@condair.com



Winners, Team Ainsworth!
(with runner ups pictured in back)

The YEA Committee is excited to bring more events to you in the new year.

For now, if you are interested in **FREE HVAC Design Essentials Training**, YEA at the society level also offers scholarships to take the ASHRAE Learning Institute course. Applications are now open again. This is a great opportunity to build essential early career skills that are in demand in the field of buildings.

Resources:

HVAC Design Essentials Training Scholarship: [LINK](#).



Treasurer
Jayson Bursill
 2023-2024
 OVC Treasurer
Delta Controls Inc.

E-mail: jayson.bursill@gmail.com

Membership Update

Hello again OVC!

As always it is my pleasure to wish a very warm welcome to the new members that have joined the Chapter since our last communique article:

- Ali Zahedi
- Victor Ribeiro
- Christopher Kuehl
- Jad Toomeh
- Jean-David Duchesne
- Mohammad Habbal
- Abdulrazzak Hussein (student)

Welcome to our Chapter!

If you know someone that might benefit from being an ASHRAE member, we have made it very simple to invite them. Please use the pre-written invitation on the Connect-A-Colleague website: [LINK](#)



Committee Chair
Elizabeth Primeau
 2023-2024 OVC
 Membership Promotion
 Committee
Total HVAC

E-mail: elizabeth.primeau@totalhvac.com

 <p>Andrew Allen Brown, P.Eng Commercial & Industrial Sales Engineer aabrown@master.ca</p> <p>T 613-829-2816 x41104 C 613-262-6504 1 866 429-1977</p> <p>The Master Group 25h Northside Rd Nepean, ON K2H 8S1</p> <p>MASTER.CA</p>	 <p>Sylvain Chenier, P. Eng., ing. Associate Partner – Mechanical Sylvain.Chenier@mckeeottawa.ca</p> <p>1785 Woodward Drive Ottawa, ON K2C 0P9 CANADA Tel.: (613) 723-9585 x128 Fax.: (613) 723-9584 www.mckeeottawa.ca</p>	 <p>Joe Della Valle, C.E.T. Manager, Mechanical Sales & Engineering jdellavalle@odellassoc.com</p> <p>Cell: 613-897-6604 Tel: 613-366-2017 ext. 654</p> <p>24 Gurdwara Rd. Nepean, ON K2E 8B5</p> <p>www.odellassoc.com</p>
 <p>Stéphan Riffault, P.Eng. Branch Manager</p> <p>2310, St-Laurent Blvd., Unit 203 Ottawa (Ontario) K1G 5H9 613 565-2129, ext. 2128</p> <p>sriffault@regulvar.com www.regulvar.com</p>	 <p>Elaine Guenette P.Eng., LEED AP Principal</p> <p>E Elaine.Guenette@smithandandersen.com D 6136911853 M 3439612244</p> <p>530 - 1600 Carling Ave., Ottawa ON, K1Z 1G3 T 613 230 1186</p>	<p>David Yin P.Eng., LEED AP Principal, Buildings Senior Mechanical Engineer</p> <p>300-1331 Clyde Avenue Ottawa ON K2C 3G4</p> <p>david.yin@stantec.com Direct: 613-725-5573 Mobile: 613-323-4964 Fax: 613-722-2799</p> 

Research Promotion



**President-Elect
Evans Mutua**
2023-2024 OVC
Research Promotion
Committee
City of Ottawa

I'd like to thank everyone for attending the November meeting at The Centurion Event Centre. The event was well attended, and we managed to raise \$500 towards ASHRAE RP. Thank you to TRANE for donating the raffle prize: tickets to Nordik Spa-Nature. Congratulations to our lucky winner for the night, Mark Korodetz of Total HVAC.

E-mail: Evans.mutua@ottawa.ca

At the November meeting, we also had recognition table tents at each table to recognize our valued sponsors. If you'd like to see your name or your company's logo at the January meeting, don't hesitate to donate through any of the links below.

In case your membership is up for renewal, it is highly recommended to make the donation at the same time as you renew your membership as this is the quickest way to do it.

You may also donate by sending a cheque, payable to ASHRAE Ottawa Valley Chapter to this address:

P.O. Box 21088, 1166 Bank St, Ottawa, ON K1S 3X7, or contact me to pick it up from you.

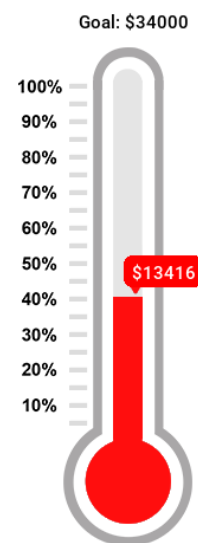
Do not hesitate to contact me with any questions:

Evans Mutua
ASHRAE OVC Research Promotion Chair 2023-2024
Evans.Mutua@ottawa.ca

Thank you for your continued support!

ASHRAE Society link: <https://www.ashrae.org/about/invest-in-the-rp-campaign>

ASHRAE OVC link: <https://ashraeottawa.simplesignup.ca/en/13058/index.php?m=eventSummary>



ASHRAE Partner \$5,000 - \$9,999	ASHRAE Associate \$2,500 - \$ 4,999	Major Donor Silver \$1,000 - \$2,499
	Total HVAC	ProEng Consulting E.H. Price Mastron Mechanical Ainsworth
Major Donor Bronze \$500 - \$999	Major Donor Antique \$250 - \$499	Honor Roll Individuals \$100 - \$249
Condair Controls Depot TRANE	Joel Primeau Evans Mutua	Mike Swayne Trevor Thomson Adrienne Mitani Josh Bourbonniere Jayson Bursill Adam Graham David Michelin Steve Moons Abbey Saunders Matthew Moore
Special Thanks to the following donors for their contribution: David Fanset, Heather Turcotte, Dr. Martino Fanfani, Chris Brown		

Student Activities

We are always pushing for further recruitment of student members, so if there are any of your eligible colleagues that are interested in learning more about or joining ASHRAE, please contact Student Activities at Zacharie.lanthier@smithandandersen.com, or help them sign up through the ASHRAE website (www.ashrae.org). Student members can take advantage of savings towards their membership dues, on top of the countless other benefits of becoming ASHRAE and OVC members, as well as the many activities planned for the year!



Committee Chair
Zach Lanthier
 2023-2024 OVC Student Activities Committee
Smith + Andersen

E-mail:
zacharie.lanthier@smithandandersen.com

We would like to thank members who have been sponsoring student meals for the previous meetings and who continue to do so, and we would like to encourage our members to do the same in order to help welcome as many students as possible to these meetings. These meetings present a fantastic learning and networking opportunity for the students, as many of them may be new to the industry and this may be their first step in the door towards our industry. Your generosity and assistance is always appreciated! For members that are looking to sponsor additional student meals for future meetings, please use the QR code below.



 <p>Carlo De Luca Regional Sales Manager</p> <p>t 800 561 3449 c 514 806 9217 e carlo@tamcodampers.com</p>	 <p>Steve Moons, P.Eng. Principal</p> <p>4A - 1050 Baxter Rd. P: 613-723-4611, ext. 106 Ottawa, Ontario C: 613-229-5806 Canada, K2C 3P1 E: steve.moons@totalhvac.com W: www.totalhvac.com</p>	 <p>Glenn Jones B.Eng LEED AP BD+C Sales Manager - HVAC Systems</p> <p>1024 Morrison Drive Ottawa, ON K2H 8K7 613-356-1940 / Cell 514-951-7809 613-820-8111 / Fax 613-820-1414 gjones@trane.com www.trane.com</p> 
 <p>WALMAR Mechanical Sales Limited MANUFACTURERS, AGENTS & DISTRIBUTORS</p> <p>Chris Brown</p> <p>Tel: 613.225.9774 Fax: 613.225.0673 e-mail: chrisbrown@walmart.net www.walmart.net 24 GURDWARA ROAD, NEPEAN, ONTARIO K2E 8B5</p>	 <p>Vinodh Lakshman Regional Sales Director vin@yorkland.net</p> <p>ENVIRONMENTAL SOLUTIONS 1050 Baxter Rd, Unit 6A m. 613-880-8188 Ottawa, ON K2C 3P1 f. 613-721-4906 yorkland.net tf. 877-733-3833</p>  <p>1260 Old Innes Rd, Unit 605 t. 613-747-1867 Ottawa, ON K1B 3V3 f. 613-745-6042 tf. 800-720-7757</p>	

Government Affairs

Matthew Moore – Government Affairs Chair 2023-2024

Ghina Annan– Government Affairs Committee 2023-2024

Ottawa City Council approves Budget 2024

Earlier this month, Council approved the City's 2024 Capital and Operating Budget. For the second time, capital budget requests were rated on their contribution to reducing greenhouse gas emissions or building climate resiliency.

Highlights that strengthen Ottawa's resilience to climate impacts and reduce emissions include:

- \$180 million for zero-emission buses.
- \$21.7 million to build resiliency to power outages at the Robert O. Pickard Environmental Centre wastewater treatment facility.
- \$3 million to implement energy conservation measures at City facilities.
- \$3 million to continue developing a coordinator approach to wet weather flow management within the urban area and reduce flood risks.
- \$1.7 million to plant more trees and preserve the tree canopy.
- \$1 million to install generators at emergency reception and lodging sites across the city.
- \$5 million to implement the Climate Change Master Plan.

COP28 Concludes with Proposal to Transition Away from Fossil Fuels

The global climate conference concluded on December 13 with a draft agreement that calls on countries to transition away from fossil fuels in energy systems "in a just, orderly and equitable manner, accelerating action in this critical decade, so as to achieve net zero by 2050 in keeping with the science." The proposal also urges the development of "zero- and low- emission technologies" including "renewables, nuclear, abatement and removal technologies such as carbon capture and storage, particularly in hard-to-abate sectors, and low-carbon hydrogen production."

DOE Launches Efficient and Healthy Schools Recognition

The U.S. Department of Energy (DOE) announced the Efficient and Healthy Schools Program, which is an evolution of the Efficient and Healthy Schools campaign, for which ASHRAE was a supporter. The program is designed to commend schools and districts for exceptional contributions to energy efficiency and health. Schools can be recognized for areas that include:

- Data Detective, honoring best practices in assessing and utilizing building data
- Retrofit Revolutionary, acknowledging exemplary retrofit projects
- Performance Pro, recognizing dedication to continuous improvement
- Solutions Strategist, celebrating committed plans for sustained improvements

The Recognition Program offers vital support, including technical assistance, peer learning, mentorship, and tailored resources. Last year, the campaign recognized 17 schools and districts in 15 states for achieving energy savings and improved learning environments. The deadline to apply for the 2023-2024 cycle is February 16th, 2024.

New ACEEE Report on Scaling Energy Retrofits in Commercial Buildings

The American Council for an Energy-Efficient Economy (ACEEE) released a new report in early December regarding financial and systemic barriers and solutions to scaling energy retrofits in commercial buildings. The report analyzes the financial mechanisms that currently exist to enable building retrofits on the scale that will be necessary to meet climate and emissions reduction goals, and gives examples of methods intended to encourage greater adoption of retrofits for commercial buildings. The full report can be found on the ACEEE website here: <https://www.aceee.org/research-report/b2305>



Secretary
Matthew Moore
2023-2024
OVC Secretary
Chorley+Bisset

E-mail: matthew.moore@chorley.com

Table-Top Presentations

If you're looking to communicate the value of your product, there is no better way than to invest in a tabletop at an upcoming ASHRAE OVC meeting. Highly attended and highly regarded, our monthly meetings can afford you the opportunity to display your new technologies to an eager group of HVAC/R engineers and contractors. If you wish to review the themes of each meeting to find an appropriate topic, please feel free to contact me. These meetings provide a captive audience in the industry and exposure to 40+ people.



**Committee
Chair**
Frederick Hartley
2023-2024
OVC Table-Tops
Total HVAC Inc.

E-mail: frederick.hartley@totalhvac.com

We are currently reserving tabletop openings for this ASHRAE year.

Please contact Frederick Hartley (frederick.hartley@totalhvac.com) to secure yours today! Cost for tabletops for this month's event is \$225.00 and spaces are filling up quickly, so book your tabletop today!

Payment is to be made through the online system prior to the date reserved. Follow the link [here](#).

[January meeting:](#)

Longhill Energy: Innovative Custom HVAC Solutions



Longhill Energy partners with reputable global brands to sell and support innovative products in the mechanical heating, ventilation and air conditioning space. Over the years, they have grown to represent nearly thirty world-class manufacturers.

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.

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**

Rates for **career opportunities** ads are as follows:

Chapter Member:

\$50/month
\$80/2 months
\$100/3 months

Non-member:

\$250/month

Note: Purchase of additional months will only have a discounted rate if purchased up front. Otherwise the standard rate will apply for additional months.

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 through the online system and contact **Jayson Bursill** (jayson.bursill@gmail.com) with any questions. Follow the link below for payment.

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.

Link:

<https://ashraeottawa.simplesignup.ca/en/13057/index.php?m=eventSummary>

Business Card Ads

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.

The cost is **\$275.00** for the year. Please contact **Jayson Bursill** at jayson.bursill@gmail.com for more details.

Payment will be made through the online system. Follow the link below for payment.

[Simple Sign Up - Payment](#)

Ads will **now require prepayment**. All last year's ads will appear in the Communiqué for the first month of this year to allow time for payment for the upcoming year. Ads will be refreshed accordingly in the second Communiqué.



Treasurer
Jayson Bursill
2023-2024
OVC Treasurer
Delta Controls Inc.

E-mail: jayson.bursill@gmail.com



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2023-2024

President

Adrienne Mitani

President-Elect

Evans Mutua

Treasurer

Jayson Bursill

Secretary

Matthew Moore

Governors

Mike Swayne

Josh Bourbonniere

Trevor Thomson

Philip Mayfield

Past President

Ryan Dickinson

Committees

Attendance

Jayson Bursill

Audit

Ryan Dickinson

Capital

Communiqué

Pat Melville

CRC

Adrienne Mitani

Evans Mutua

CTTC

Elikem Wotortsi

DEI

Marlee Spiegelberg

Financial

Amanda Cuirrier

GAC

Matthew Moore

Greeter

Mike Swayne

History

Bhavneet Singh

Honors & Awards

Abbey Saunders

Membership

Promotion

Elizabeth Primeau

Nominations

Steve Moons

PAOE

Evans Mutua

Program

David Eckel

Publicity

Connor Patterson

Research

Promotion

Evans Mutua

Special Events

Josh Bourbonniere

Mitchell Geis

Suhib Abushariha

Trevor Thomson

Student Activities

Zacharie Lanthier

Tabletop

Frederick Hartley

Website

Connor Patterson

YEA

Jayson Bursill