



DATE: Tuesday February 21st, 2023
16:30 – 21:00 Hrs EST

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

THEME: Chapter Technology Transfer Committee (CTTC)

PROGRAM: De-Carbonization with BAS & AI - Turning Data into Dollars

Main speakers Abhishek Khurana and Tobias Janes will discuss Building Automation System (BAS) hierarchy, control strategies, and AI's impact on building automation.

February Meeting Agenda

- 4:30PM-5:30PM Tech Session
Topic: TBD
Speaker: Joël Primeau, P.Eng.
- 5:30PM-6:15PM Social Hour
- 6:15PM-7:00PM Dinner
- 7:00PM-8:00PM Business Session
- 8:00PM-9:00PM De-Carbonization with BAS & AI
Speakers: Abhishek Khurana, Tobias Janes

Below prices for attendance (+ HST)

ASHRAE Associate/Affiliate/Member:	\$48.00	ASHRAE Member Guest:	\$48.00
ASHRAE Student:	\$35.00	Non-Member:	\$65.00

[Meeting 5 - February 21st, 2023](#)

Tech Session: Topic TBD

The topic and description of the February tech session will be announced soon.

Presented by: Joël Primeau, P.Eng.

Joël Primeau, P.Eng., is a consulting engineer with over 20 years of experience in mechanical engineering and sustainable design.



**Past
President
Joël Primeau**
2022-2023
OVC

Program: De-Carbonization with BAS & AI - Turning Data into Dollars

Join us for this informative seminar to learn about Building Automation System (BAS) hierarchy, control strategies, and AI's impact on building automation. Explore examples of BAS design for different types of buildings and learn the secrets to energy savings by identifying and fixing waste. Discover how a BAS and AI can work together to efficiently reach decarbonization goals with stretched time and budgets. This 1-hour presentation will provide valuable insights for Engineers, Contractors, Owners and Operators seeking to implement innovative HVAC automation technologies. Enhance your knowledge and stay ahead of the curve in this dynamic field!

**Presented by: Abhishek Khurana
Tobias Janes, EMIT**

Abhishek Khurana is a seasoned professional in the construction industry with a background in Mechatronics Engineering. As the CEO of Voyager Buildings, he provides turnkey automation and AI solutions to reduce energy use and operating costs for clients. With 10 years of experience in HVAC controls, Abhi brings a unique skillset and dedication to advancing sustainable technology for the built environment. Over the years, Abhi has held various roles with ASHRAE - He is currently the Past President of the Toronto Chapter and Regional Vice Chair for the Programs Committee.



Tobias Janes, EMIT is Chief Technical Officer for Ecopilot Canada / USA overseeing the technical install, management, and support of Ecopilot®'s AI solution across North America. His extensive background in IT management for companies such as MOBIA Technology Innovations and Mitsubishi led him to his passion for energy efficiency and accreditation as a Certified Energy Manager. In his current role, Tobias leads a team of expert HVAC / BMS technicians and supports the evaluation of building systems, energy modeling, Ecopilot® installations and project management, as well as client energy reports and recommendations. Tobias is a member of the Association of Energy Engineers and the Atlantic Chapter of the Canada Green Building Council. He resides with his wife, Arin, and fur baby, Lola, in Wellington, NS.

President's Message

Our last meeting was held in January at the Centurion Conference and Event Center with 59 people in attendance. I would like to thank Josh Gibbins for his excellent presentation on Building Analytics and Fault Detection and Diagnostic (FDD) services, and I would also like to thank everyone for attending and supporting our Chapter. We are more than halfway through this ASHRAE year, and I hope everyone has enjoyed the events that we have hosted so far. If anyone has any feedback or suggestions, please let me know so that we can improve and better serve our membership.



President
Ryan Dickinson
2022-2023
OVC President
**VANDERWESTEN
& RUTHERFORD**

E-mail: ryand@vreng.ca

The raffle prize for the evening was generously donated by Trane and raised \$520 for ASHRAE Research Canada. Thank you for your donation and thank you to everyone for supporting our Research Promotion campaign. Our Research Promotion Campaign has already reached 73% of our goal this year, and I would like to thank everyone again for their generosity.

During the January meeting, we also recognized a special achievement from one of our Chapter Members and Past Presidents, Gemma Kerr, who won the George B. Hightower Technical Achievement Award for excellence in volunteer service in the area of Technical Committee/Technical Group/Technical Research Group leadership and contribution. Congratulations again, Gemma! Please see Joël Primeau's article below for more info.

Our next meeting will be taking place on Tuesday February 21st at the Centurion Center. Our speakers will be Abhishek Khurana and Tobias Janes, who will be presenting on Building Automation Systems and Artificial Intelligence. The theme for the month is Chapter Technology Transfer Committee (CTTC), and Abhishek, who is our Regional Vice Chair for Programs, will be presenting the CTTC awards for last year. Our chapter was very successful last year in winning first place in 4 Technology Award Categories at the Regional Level for new and innovative designs, and I encourage anyone who is interested in submitting for an upcoming Technology Award to contact David Eckel and Elikem Wotortsi for more info.

Next month, we have our Annual Career Fair coming up on March 14th at Carleton University, and our Annual Curling Bonspiel is scheduled for March 17th at the Nepean Sportsplex. Our March meeting will also follow a different format than usual, so stay tuned for more info!

Thank you again to all our volunteers and thank you to the membership for your continued support. I'm looking forward to seeing you all at our February meeting!

Ryan Dickinson
2022-2023 OVC President

2023 George B. Hightower Award Recipient: Gemma Kerr

CONGRATULATIONS TO GEMMA KERR!

Our own Gemma Kerr's work has been recognized by ASHRAE and she will be presented the George B. Hightower Award for Technical Achievement at the upcoming Atlanta Winter Meeting.

The presentation will take place on Tuesday February 7 at 3:30 pm at the Omni CNN Center, Floor A-South, Room Maple B. If you are attending the Winter Meeting, please make time to be at this award presentation with Gemma.

The Ottawa Valley Chapter could not be prouder of Gemma!



**Past
President**
Joël Primeau
2022-2023
OVC

What You Missed

The fourth program meeting of the 2022/2023 OVC ASHRAE season was held on January 17th, 2023, at Centurion Conference and Event Center on Colonnade Road and had 44 members, 5 guests, and 10 students attend. The theme of the meeting was YEA. The program for the evening was Building Data Analytics by Josh Gibbins which was preceded by a technical session from Joel Primeau providing an Introduction to Building Automation Systems. Francis Lacharite from Services Énergétiques R.L. inc. provided a tabletop display for the evening. Dinner was buffet style dinner with hummus and pita, couscous salad, mixed vegetables, baked chicken breast with au jus, beef bourguignon, cheese tortellini, and tuxedo chocolate mousse cake for dessert.



Secretary
Jayson Bursill
2022-2023
OVC Secretary
Delta Controls
Inc.

E-mail: jbursill@deltacontrols.com

President Ryan Dickinson called the meeting to order and acknowledged the Algonquin Nation and our industry's connection to the unceded land. President Ryan Dickinson introduced the Executive, Board of Governors. Secretary Jayson Bursill introduced the guests for the evening and discussed the upcoming Career Fair at Carleton University on March 14th. MP Chair and Region II Student Activities RVC Elizabeth Primeau welcomed the new members (including one new student member). YEA Chair Jeremy Strong Discussed YEA and upcoming events in line with the theme of the evening. Francis Lacharite from Services Énergétiques R.L. inc. discussed his tabletop presentation. Past president Gemma Kerr was honored for receiving the society-level George B. Hightower Award in 2021 for, among other service, her exceptional service on technical committees. Congratulations Gemma!

Raffle tickets were sold to win two Ottawa Senators tickets for the January 25th game donated by Trane. The raffle generated \$520 for ASHRAE Research. Following this, President Ryan Dickinson announced the program topic for the evening, Building Data Analytics presented by Josh Gibbins.

Josh first introduced a backgrounder on building automation systems (BAS) and common issues with BAS systems. Some common issues that occur in the field that can make buildings operate sub-optimally were identified:

- Manual overrides
- Poor sequences
- Sensor failures

ASHRAE Guideline 36: High-Performance Sequences of Operations for HVAC Systems was also introduced. Guideline 36-2018 provides 15 fault conditions and accompanying logic that can be used as a reference in BAS programming and were mentioned in the presentation as being a good baseline for building up more fault detection and diagnostics (FDD). FDD was described as a useful approach to better tuning thresholds when compared to standard BAS alarming. Three sub-forms of FDD were discussed:

- Rules-based
- Data-driven
- Model-based

Three delivery forms of FDD were also discussed:

- Managed services with operators/energy managers in the loop ("read only")
- Platform services where data is provided directly to energy managers without assistance
- Read/write fully automated FDD (AFDD)

Some key benefits of FDD that were discussed were:

- Improved space conditions
- Energy and cost savings
- Elongated equipment life

Some operational myths were also presented anecdotally. This included hygrothermal control and linear equipment turndown assumptions. Cases and experiences from FDD implementations were presented with time series data. Josh also discussed his experience with ASHRAE's Great Energy Predictor competition. There was a significant Q&A discussion on interoperability and the importance of tagging. Schedules were highlighted in the Q&A as a potential weak point in building operations due to changes during Covid.

To close, President Ryan Dickinson thanked Josh Gibbins. Ryan also reminded the audience about the post-meeting survey. The next meeting is scheduled for February 21st at the Centurion Conference and Event Center.

Membership Update

Hello OVC Members!

I would like to wish a very warm welcome to the new members that have joined the Chapter since our last communique:

- Roy Talevi
- Farzam Sepanta (Student)
- Darren Bonhomme
- Sean McDowell
- Ali Dasmeh
- Scott Kroff
- Mohamed Traore

Welcome to our Chapter! I am so happy we had many of you in attendance at our January meeting. I hope to see you all around again.

How do you ask your employer to support your interest in ASHRAE?

Seeking employer support for your membership in ASHRAE may feel like an awkward position to be in, but it doesn't have to be. When you show interest in a professional organization it says you are serious about your career and want to grow professionally and personally.

Most employers are happy to support your desire for involvement in a professional society like ASHRAE. Many organizational leaders are members of quite a few professional societies themselves. They understand how important membership in a professional society has been to their own growth and are usually happy to encourage others to take advantage of what professional memberships have to offer.

If you aren't sure where your employer stands, why not ask? If you need help asking, please reach out to me and I can share some templates to help you.



Committee Chair
Elizabeth Primeau
2022-2023 OVC
Membership Promotion
Committee
Total HVAC

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<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 Colonade Rd N, Ste 200 Ottawa, ON K2E 7L8</p>	<p>Green • Clean • Sustainable</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>	<p>BELIMO</p> <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>bpa</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>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@gpainc.ca</p>	<p>GWAL Goodkey Weedmark & Associates Ltd.</p> <p>FRANCIS W.A. BANN, P. Eng. Principal, Senior Mechanical Engineer</p> <p>613.727.5111 x. 224 1888 Woodward Drive 613.229.0445 Ottawa, Ontario K2C 3R8 fbann@gwal.com www.gwal.com</p>

News Update

All of you have likely already heard about the ASHRAE Winter Conference & AHR Expo happening this month ([Link Here](#)), and the HVAC-CCC: Cold Climate Conference coming up in March ([Link Here](#)), but did you know about these other summits and symposiums that ASHRAE is involved with? Check them out below!

ASHRAE Global HVAC&R Summit Final Report

The ASHRAE Global HVAC&R Summit was designed to create an environment of collaboration and strategic dialogue to address the critical issues of the day, which were determined via the results of an international survey developed and distributed by the ASHRAE Associate Society Alliance (AASA). The excellent response to the survey revealed a strong consensus regardless of geographical location as well as the following six critical issues: decarbonization, IEQ/wellness, climate crisis, food security—the cold chain, energy security and workforce development. This report details the selection of the Summit speakers and delegates as well as the action plans for the major issues determined for each of the six critical issues of the day. [Read more.](#)

Register for the 2023 Heat Pump Symposium

The first Heat Pump Symposium sponsored by HRAI will be taking place April 4, 2023. Don't miss this opportunity to learn from industry professionals about heat pumps and their benefits to the environment. Register for the show now and see how you can implement heat pumps into your business. [Read more.](#)



**Committee
Co-Chair**
David Eckel
2022-2023 OVC
CTTC Committee
GWAL

E-mail: deckel@gwal.com

CTTC Technology Awards

The February's theme is CTTC, and you know what that means... [TECH AWARDS!](#)

At our February Program Meeting, we will be joined by our CTTC Regional Vice Chair Abhishek Kuhrana. Besides delivering an exciting program session, Abhi will also be presenting the prestigious Region II Tech Awards to a few of our members who placed first at the regional level. We hope you're able to come out and support our local award winners, and celebrate their achievements with us!



**Committee
Co-Chair**
David Eckel
2022-2023 OVC
CTTC Committee
GWAL

E-mail: deckel@gwal.com

This is also a great reminder to consider your own projects for submission into next year's CTTC Tech Awards. If you have recently completed an innovative project that incorporates modern design practices and uses cutting edge technology, why not take this opportunity to showcase your work in front of the chapter? Your project could be chosen to continue to the regional level, and winners of the regional awards can then compete against projects from all over the world at the Society level!

Imagine your project on the cover of ASHRAE Journal & HPB Magazine, and apply today!

If you want to learn more about the awards, see last year's winners, or download the forms to enter your project, check out the society page at the following link: [ASHRAE Technology Awards Program](#)

Once you've completed your application forms, please submit them to either Elikem Wotortsi (elikem.wotortsi@stantec.com) or David Eckel (deckel@gwal.com).

Research Promotion



President-Elect
Celine Baribeau
 2022-2023 OVC
 Research Promotion
 Committee
BPA

E-mail: celine_baribeau@hotmail.com

Thank you very much for your continued support of ASHRAE Research Canada!

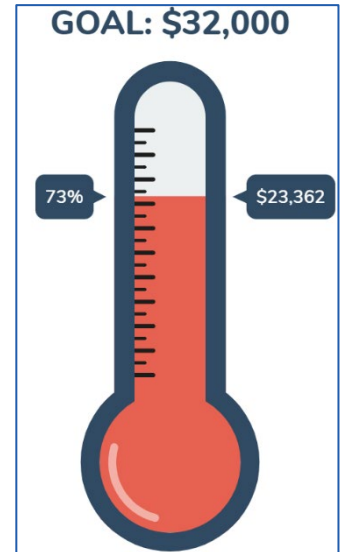
Many of you are aware that ASHRAE research plays an important role in our everyday lives. Our built environment including everything from our homes, offices, and hospitals to quality of food and living conditions in airplanes are dependent upon the research conducted by ASHRAE to keep people healthy and comfortable. Every dollar raised by ASHRAE Research Canada stays in Canada to further research in the HVAC&R industry. Furthermore, for every dollar raised, about 7 dollars are invested in research, here in Canada.

Thank you to TRANE for their generous donations of Ottawa Senators tickets that raised \$520 towards Research Promotion from the January meeting.

The list of current 2022-2023 RP campaign donors will be provided in each monthly newsletter and program meetings, so donate quickly to see your name appear! Thank you for your continued support!

Two of the easiest ways to make your donation to the 2022-2023 RP Campaign are by clicking either of the links below. Should you wish to donate by cheque, please make payable to ASHRAE Ottawa Valley Chapter.

Celine Baribeau
 2022-2023 ASHRAE RP Chair
 1960 Robertson Rd, Bells Corners
 Ottawa ON, K2H 5B9
celine_baribeau@hotmail.com



ASHRAE Society link: <https://xp20.ashrae.org/secure/researchpromotion/rp.html>

ASHRAE OVC link: <https://ashraeottawa.simplesignup.ca/en/11560/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
Major Donor Bronze \$500 - \$999	Major Donor Antique \$250 - \$499	Honor Roll Individuals \$100 - \$249
Ainsworth Trane	Joel Primeau Clément Marchand	Abbey Saunders Micheal Swayne Celine Baribeau Ryan Dickinson Adrienne Mitani Evans Mutua Elizabeth Primeau Trevor Thomson Jayson Bursill Steve Moons

Special Thanks to the following donors for their contribution:

David Michelin, Patrick O'Meara, Chris Brown, Khadijah Ahmad, Lukas Glaspell, Chris Habets, Bryan Halliday, Jordan Hansen, Rob Lefebvre, Ryan McKinnon, Jim Mills, Mitchell Niles, Connor Patterson, Jeff Schroeder, Jesus Ramirez, Ross MacLaren, Mathieu Rondeau

Call for Volunteers

Calling all volunteers!

As chairs of the Awards & Nominations Committee, Abbey Saunders and I want to send a message to our membership reminding them of the upcoming nominations period. We will formally open positions to nominations at the March meeting, but now is a good time to give some thought to if volunteering for ASHRAE is a good fit for you.

Have you wondered how you could establish a deeper network of contacts within our construction industry? Have you thought about how you can give back to the industry that supports your occupation? Have you considered how you can be a more integral part of developing the built environment of Ottawa and the surrounding area? The answer to these questions may be volunteering with the ASHRAE Ottawa Valley Chapter. In addition to the many good works you can do to help grow and support our local chapter, there are many benefits to you as well, from getting to know more people within the industry, to building on your resume, to being part of technical committees that form the standards that become building code. There are many potential positions, with varying levels of commitment that could be a great fit. From positions that require only after-work attendance at the monthly meetings, to positions that require only an hour or so a month of work from your desk, there are several ways that you can help your local chapter. If you have a position you would like to inquire about, or just want more information, please don't hesitate to reach out to Abbey or myself, or any of the Governors or Executive on our chapter for more information.



Past President
Steve Moons
2022-2023 OVC
Awards & Nominations
Committee
Total HVAC Inc.

E-mail: steve.moons@totalhvac.com

ASHRAE Curling Bonspiel

The ASHRAE Annual Curling Bonspiel is returning in 2023! It will be held once again at the **Nepean Sportsplex** on **Friday, March 17th**.

We will once again be looking for 18 teams and the cost will remain the same at **\$450.00 per team**.

More information regarding the event, and registration can be found [here](#).

The final details are still being coordinated so please watch for more details to come in the next few weeks.

For any other questions, please contact Committee Chair Colleen Fox at 613-808-4316 or cfox@trane.com.

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



Committee Chair
Colleen Fox
2022-2023 OVC
Special Events
Committee
TRANE

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Student Activities & Career Fair

ASHRAE OVC is hosting a career fair at Carleton University in March. Invitations have been sent to local businesses and we have already seen enthusiasm for the event. If you think your company would be interested in registering for a table at the event, please let us know. More information is available [here](#).

Event Details:

Tuesday March 14th, 2013

**Carleton University – Fenn Lounge (Residence Commons Bldg)
1125 Colonel By Drive**

Expect students from: University of Ottawa, Carleton University, Algonquin College, La Cité Collégiale, and Cégep de l'Outaouais.

Schedule:







- **14:30 – 15:00 – Access to room and Set-up**
- **15:00 – 18:00 – Career Fair**
- **18:00 – 18:30 – Clean-up**

Also coming up in March we have the Ottawa Regional Science Fair. ASHRAE OVC sponsors a prize and provides judging assistance. This has been successful in the past and we hope to continue encouraging local students to pursue a future in STEM.



Committee Chair
Noah Goddard
2022-2023 OVC Student Activities Committee
Longhill Energy

E-mail: noahg@longhill.ca

 <p>Chris Harrison President</p> <p>chhsh@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>	 <p>Andrew Allen Brown, P.Eng. Commercial & Industrial Sales Engineer aabrown@master.ca</p> <p>T 613-829-2816 x41104 C 613-262-6504 F 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: 613-225-9774 ext. 254</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 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>

Government Affairs

- ◆ Celine Baribeau – Government Affairs Chair 2022-2023
- ◆ Adrienne Mitani – Government Affairs Committee 2022-2023



Past President
Adrienne Mitani
2022-2023
OVC Government
Affairs Committee
Smith + Andersen

Canada Releases Energy Efficiency Scorecard

The 2022 Canadian Energy Efficiency Scorecard is an assessment of Canadian provinces and territories and their policies and outcomes realized within an 18-month window (January 2021 to June 2022). The scorecard is released each year by Efficiency Canada, an energy efficiency organization housed at Carleton University Sustainable Energy Research Center. The report also provides 5 recommendations to support energy efficiency, expand the scale and scope of low-income energy efficiency, mandate efficient and zero-carbon heating, define net zero building performance standards, integrate with existing provincial programs, and create targets and expectations for provinces. More information can be found here: <https://www.scorecard.energycanada.org/>

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World Still Falling Short with Carbon Removal Efforts

A study by the University of Oxford found that current planned and deployed carbon removal efforts are insufficient to meet the targets of the Paris Agreement. The technological advancements of carbon dioxide removal (CDR) are lagging behind conventional land approaches (i.e., afforestation and reforestation). Cutting emissions will almost certainly not be enough to meet the Paris Agreement to limit warming below 2 degrees Celsius, CDR will be essential. The annual study indicates that new CDR technology will be more prominently deployed in the second half of the century, but the next 10 years will require technological advancements and more widespread implementation to sufficiently limit global warming. A full copy of the report can be found [here](#).

DOE Announces a Group of New Clean Energy Programs

The Inflation Reduction Act infused several existing programs with funding in addition to establishing entirely new programs. The U.S. Department of Energy (DOE) announced a request for information (RFI) for the Home Energy Rebate program, which provides \$8.8 billion in rebates for consumers to pursue products and services that reduce energy bills and carbon emissions while improving overall home comfort. The Energy Efficiency and Conservation Block Grant Program (EECBG) opened the application process for \$430 million in grant funding that states, local governments and Tribes can access to implement strategies that reduce energy use and fossil fuel emissions, and improve energy efficiency. More information on the EECBG can be found [here](#).

DOE also launched the Clean Energy to Communities programs with \$50 million to facilitate relationships between local governments and utilities with experts at national labs, the Buildings Upgrade Prize (Building UP) with \$22 million to accelerate energy efficiency and building electrification technology and adoption. More information on DOE clean energy infrastructure programs and funding opportunities can be found [here](#).

World Leaders, Top Figures in Finance and Industry Meet in Davos

The World Economic Forum convened last week in Davos, Switzerland, drawing Heads of State, Finance Ministers, State Treasurers, and leaders in finance and business from around the world. The forum will be used to discuss issues ranging from fertilizer production, to the war in Ukraine, to climate change and energy economies. However, the elite event is often criticized for convening global elites without generating any concrete policies or actions. This year attendees have a strong interest in prioritizing climate change topics, and the United States is sending John Kerry and Al Gore as envoys. You can read more analysis of the Forum [here](#).

Table-Tops

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.



**Committee
Chair**
**Connor
Patterson**
2022-2023
OVC Table-Tops
JP2G

E-mail: connorp@jp2g.com

Is there really a better way to display a new product, existing line, or share great ideas than to have a tabletop display at our local ASHRAE OVC meetings? These meetings provide a captive audience in the industry and exposure to 40+ people. We are currently reserving tabletop openings for this ASHRAE year.

Please contact Connor Patterson (connorp@jp2g.com) to secure yours today! Cost for tabletops 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 below:
<https://ashraeottawa.simplesignup.ca/en/11562/index.php?m=eventsList>

<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> 	<p>TAMCO T.A. MORRISON & CO. INC.</p> <p>Carlo De Luca Regional Sales Manager</p> <p>t 800 561 3449 c 514 806 9217 e carlo@tamcodampers.com</p>	<p>25 years TOTAL HVAC ESTABLISHED 1996</p> <p>Steve Moons, P.Eng. Principal</p> <p>4A - 1050 Baxter Rd. Ottawa, Ontario Canada, K2C 3P1</p> <p>P: 613-723-4611 C: 613-229-5806 E: stevem@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>Yorkland Controls</p> <p>Vinodh Lakshman Regional Sales Director vin@yorkland.net</p> <p>ENVIRONMENTAL SOLUTIONS</p> <p>1050 Baxter Rd, Unit 6A Ottawa, ON K2C 3P1 yorkland.net</p> <p>m. 613-880-8188 f. 613-721-4906 tf. 877-733-3833</p>  <p>WILES-LEGAULT.COM HVAC CONTROLS</p> <p>1260 Old Innes Rd, Unit 605 Ottawa, ON K1B 3V3</p> <p>t. 613-747-1867 f. 613-745-6042 tf. 800-720-7757</p>

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 **Evans Mutua** (Evans.Mutua@ottawa.ca) 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/9709/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 **Evans Mutua** at Evans.Mutua@ottawa.ca 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
Evans Mutua
2022-2023
OVC Treasurer
City of Ottawa

E-mail: Evans.Mutua@ottawa.ca



Treasurer
Evans Mutua
2022-2023
OVC Publicity
Committee Co-Chair
City of Ottawa

E-mail: Evans.Mutua@ottawa.ca

2022-2023

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Ryan Dickinson

President-Elect

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Jayson Bursill

Governors

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Evans Mutua

Greeter

Mike Swayne

History

Mark Korodetz

Membership

Elizabeth Primeau

Nominations &

Awards

Steve Moons

Abbey Saunders

PAOE

Celine Baribeau

Program

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Publicity

Samir Elchamaa

Research

Promotion

Celine Baribeau

Special Events

Colleen Fox

Abbey Saunders

Trevor Thomson

Student Activities

Noah Goddard

Tabletop

Connor Patterson

YEA

Jeremy Strong

Website

Samir Elchamaa