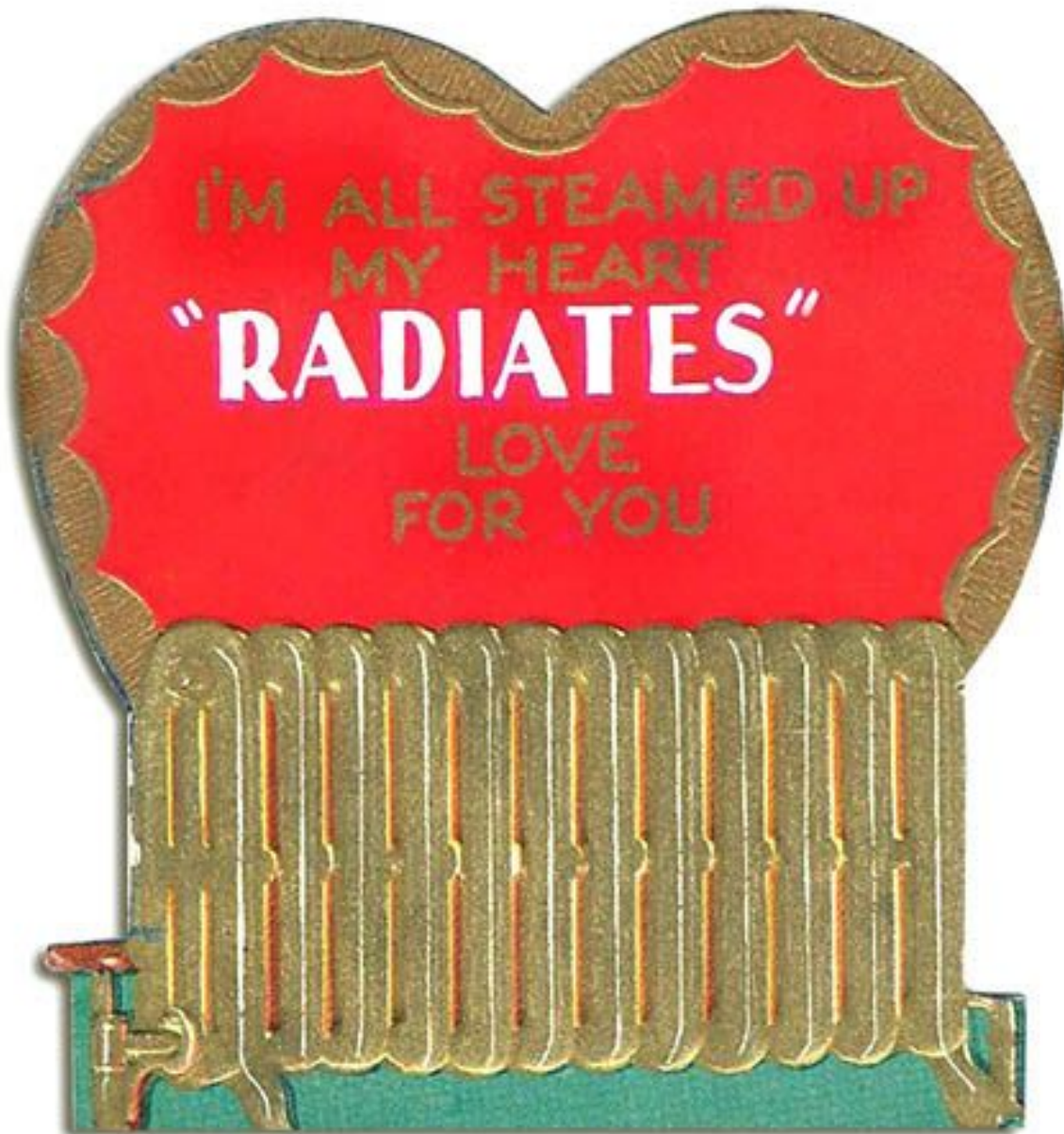


ASHRAE Maine Chapter

Region 1
February 2019



Quick Links

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[LEED | US Green Building Council](#)

[American Society of Mechanical Engineers](#)

[Maine Indoor Air Quality Council](#)

[Maine Building Code](#)

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Newsletter Editor

President's Message

Greetings!

Thank you all for your patience over the last two months with our scheduling issues. We've had a few tours planned but had the businesses back out at the last minute, leaving us scrambling to find an alternate meeting location. We were able to schedule a tour for this month though and that will be held next Tuesday, February 12 at 5pm.

Next week's tour will be at Maine Waste-to-Energy facility to learn about their incineration and energy production process. Please bring a hard hat and safety glasses if you have them!

The 2019 E-Week Engineering Expo is coming up and will be held Saturday, March 2, 2019 from 9:00 am to 2:00 pm at the University of Southern Maine Costello Field House, 43 Campus Ave., Gorham. ASHRAE will have a table again and we are looking for volunteers to help out. We have some fun HVAC experiments to do with the kids who attend so it's sure to be an exciting day! If your company is interested in getting involved and having their own table, the link to registration is here. Registration closes 2/24/19 for exhibitors. The event is free and open to the public so even if you can't help out with the ASHRAE booth, feel free to swing by and say hi! This is a great activity-based family event to encourage kids' involvement in STEM fields.

The Granite State chapter is holding another "Lunch n Learn" webinar this month that our chapter is welcome to attend. This will be held Thursday February 21, at 12pm. Craig Morris, co-author of "Energy Democracy: Germany's Energiewende to Renewables." Here is a note from the Granite State Chapter President about the presentation:

"Craig is an expert in the field of energy policy and has been covering the Germany energy market transition over the past 20 years as it has gone from a strong focus on nuclear power, to a complete phase out of nuclear power and a transition to solar and wind. For those that argue this cannot be done, Germany stands as a stark example of what can be achieved when local activism for renewable energy sources is harnessed.

The focus of energy is a major topic in the design/build market today. ASHRAE has published an article Building our New Energy Future that outlines the relationship between building design, and energy generation/consumption. In the article, a focus is placed on Distributed Energy Resources (DERs) such

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Tues Feb 12 | Facility Tour and Dinner
in Auburn

What: Tour of Maine Waste-to-Energy

"Maine Waste to Energy provides reliable, safe, and economical waste processing and disposal services for members, associate towns, private haulers, and local citizens. Our advanced facility uses efficient combustion and air pollution control equipment to create clean, renewable energy from an unavoidable byproduct of life. The modern process lessens landfill volumes, minimizes air pollution, and helps offset the use of fossil fuels. It is a necessary and effective part of Maine's waste hierarchy that we are proud to provide to our communities."

<https://www.mainewastenergy.com/about-us/>

Where: 110 Goldthwaite Road
Auburn, Maine 04210

When: Tuesday February 12, 2019
5:00pm - Meet for Tour
5:45pm - Dinner at Mac's Grill
1052 Minot Ave,
Auburn, ME 04210

Cost: \$35 (Life members and Fellows are free)

RSVP: By Monday 2/11/19 to Sean Seeley
maineashrae@gmail.com or RSVP Online

*****Please bring a hard hat and safety glasses if you have them. There are some spares on site but not enough for the whole group*****

Next BS* + Beer Event | Thurs, Feb 21st

as wind, solar, hydro and biomass. The benefits of these resources include improved resiliency, reduction in carbon emissions, and the lower overall cost of energy. In this webinar we will learn how Germany uses economic policies to stimulate the growth of DERs to become one of the leaders in this emerging field.

Registrants of this webinar will also be provided a PDF copy of Craig's book Democracy: Germany's Energiewende to Renewables. We recommend you read chapters 6,8 and 10 to get the most out of the webinar. Please make notes of any questions you may want to ask during the webinar and we will be sure to serve them up."

TO REGISTER FOR THIS EVENT Please click [here](#).

There is no charge for this event, but a \$10 tax deductible donation would be appreciated. You can make your much appreciated donation [here](#).

Hope to see everyone at the next meeting!

Best Regards,
Mackenzie Sutter

Next YEA Event - Thurs, Feb 21st @5:30 pm at
Sebago Brewing Company, 211 FORE ST, Portland



No RSVP required and all (even those over 35 years old) are welcome to attend.

If you or your firm would like to sponsor the next YEA event or get on the YEA mail list, please email bhackett@harriman.com.

Thank you Urell for sponsoring this month's Event!

Check out the group's [FB page](#) for details and updates.

Looking Ahead | March Chapter Meeting



What: "Everything you wanted to know about Comfort and Control, and, Energy and Savings, And were afraid to ask" A presentation by Michael Auglis on an article he wrote about understanding the Control methodologies it takes to have comfortable, cost effective environments that save monies through energy efficient processes.

Who: Michael Auglis, Marshview Consultants

Michael Auglic started in the Controls industry in 1971 working for Johnson Controls, Inc. He retired from the corporate environment 25+ years later and has then been in his own Consulting business since 1998. During that time, Michael has been involved with designing, installing and commissioning Automated Controls Systems, Energy Management Systems and HVAC equipment.

Where: TBA

When: Tuesday March 12, 2019

4:30pm - Board of Governors Meeting (All are welcome to join)

5:00pm - Registration and Networking

5:45pm - Dinner

6:30pm - Presentation

Cost: \$35 (Life Members and Fellows are free)



Build It Better Building & Renovating a Healthy, Energy-Efficient Home New Certification Program

4 Consecutive Fridays Beginning January 25th
Eastern Maine Community College
Bangor, ME

Friday, January 25, 2019 - Foundations
Friday, February 1, 2019 - Building Shell
Friday, February 8, 2019 - HVAC
Friday, February 15, 2019 - Renovations
Fridays, March 8 and 15 - Back up Snow Dates

Certification will be awarded to program participants who:

- Register for and attend all four trainings
- Pass a certification exam (Exam date TBA)
- Make a non-binding pledge to follow the practices and concepts as taught in the trainings.

Continuing Education Credits:

BPI -Approved

AIA - Approved

Realtors - Approved

Code Enforcement - Approved

Radon - Pending

USGBC - Self-Submit with Certificate of Attendance

Engineers - Self-Submit with Certificate of Attendance

Overview:

In January 2019, the Maine Indoor Air Quality Council is presenting its popular residential construction training series. These programs teach construction practices that optimize energy efficiency measures as well as minimize the risk of moisture and indoor air quality problems in new and existing homes. The trainings further emphasize this critical concept: high performance homes are not hard to construct, and the extra efficiency measures have a very reasonable payback - both for the builder and the homeowner.

About the trainers:

Bill Turner, of Turner Building Science, LLC, has 30+ years' experience in dealing with fundamental Building Science, Energy Efficiency and Indoor Air Quality forensic principles. Bill has two renovated homes participating in the 1000 Home Challenge program, with a focus on energy efficiency and indoor air quality. He provides training both locally and nationally for a broad range of building and IAQ organizations.

David Johnston is president of David Johnston & Co. and has been building healthy, energy efficient homes in Maine for more than 35 years. David currently teaches building construction trade classes at Central Maine Community College, and has served as an adjunct instructor in Residential Design and Drafting and Graphic Design at the USM Department of Industrial Technology. David currently serves on the Advisory Committees for Southern Maine Community College, Central Maine Community College, and Westbrook Region Technology Center.

Who Should Attend:

Building contractors and subcontractors, architects, engineers, codes enforcement officials (including TPI's), home inspectors, building supply representatives, product manufacturers, insurance representatives, mortgage lenders, real estate professionals, and home energy improvement professionals.

Fees:

\$109 for half day sessions and \$119 for full day sessions for Maine Indoor Air Quality Council Members

\$149 for half day sessions and \$159 for full day sessions for nonmembers

Register for all 4 sessions and get a 15% registration discount PLUS a \$45.00 coupon towards registration to the Council's signature event: IAQ & Energy, scheduled for October 31, 2019 - November 1, 2019 in Portland, Maine.

Scholarships Available Upon Request:

Contact MIAQC Executive Director Christy Crocker. christy@maineindoorair.org; 207-626-8115.

Learn More or Register [here](#)