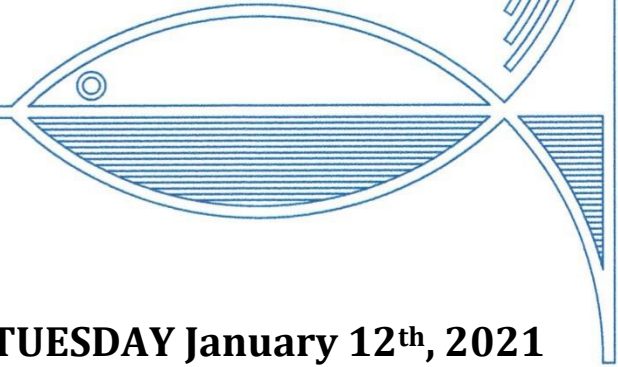


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January 2021 Issue

NEXT MEETING

Virtual Webinar – TUESDAY January 12th, 2021

Presentation Abstract:

“Electrification” has recently become a widely accepted roadmap towards the goal of a low-carbon future. When applied to buildings, one method is to envision it, is just stopping the flow of fossil fuels to them and having all energy come from the carbon-free grid of the future. Some skeptics of the concept believe it is a pipe dream to have a carbon-free electric grid but certainly you can’t have a carbon-free building if you are burning fossil fuels in them. Electrification will likely play a part in our low carbon future so understanding heat pumps, “free cooling” and thermal energy storage’s relationship to them, will be critical. The talk will cover the multiple value streams of using thermal storage for heating and cooling in an all-electric building.

When: Tuesday January 12th, 2021 12:00PM-1:00PM AST
Meeting link to follow



Introduction to Our Speaker – Mark M. MacCracken, P.E., Pte. LEED Fellow

In November 2017, Mark MacCracken became the VP, CALMAC Portfolio for TRANE. Prior to CALMAC's purchase by TRANE, he was CEO of CALMAC, which is one of the largest manufacturers of Thermal Energy Storage equipment in the world, with over 4,500 installations in 60 countries. In his over 44 years in the energy storage field he has assisted in the design of hundreds of Ice Storage systems around the world. Some of the larger installations in New York City were for Rockefeller Center, Credit Suisse, Google, Goldman Sachs and the Bank of America Tower.

He was the Principal Investigator on research projects with Oak Ridge National Labs, NASA and National Renewable Energy Research Lab (SERI). He has his BS in Mechanical Engineering, three U.S. Patents, is a Professional Engineer and LEED® Fellow.

He is, or recently has served as:

- USGBC's 2011 Chairman of the Board of Directors,
- AEE's New York Energy Engineer of the Year,
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Chapter History Game

If you are new to the chapter or have been active in the past, there is an online game you can play that will highlight some things about us. We had some fun trying the game out on December 8th.

Here is a link where you can find the answers to questions about the Chapter in a Jeopardy format.

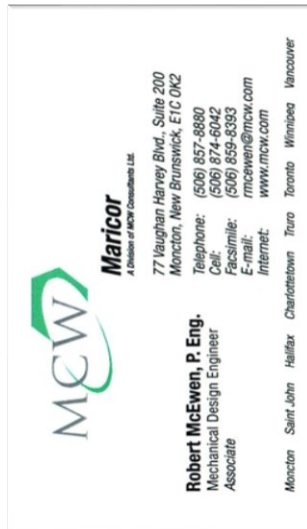
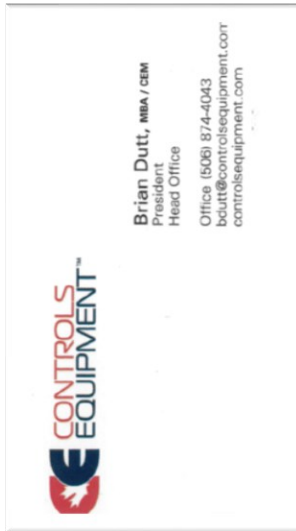
<https://jeopardylabs.com/169356>

If you need to checkup on the background for these questions, there is an updated History available on the chapter website here.

<http://ashraenbpei.com/ashrae-nb-pe-chapter-history.html>

If you find any mistakes, please let me know!

John Willden, Chapter History



Industry Related News

Interested in posting some industry related news in the next publication of the Herring Choker? If so, get in touch with the Newsletter Editor for more details.

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- Full page article - \$200 for the first month and \$150 per recurring month of the same article
- Half page article - \$125 per month

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