



Shaping Tomorrow's
Built Environment Today

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ENERGY MANAGEMENT SUBCOMMITTEE
A Subcommittee of TC 7.6 Building Energy Performance

2024 Winter Conference (Hybrid)

4:30 PM EST to 5:30 CST

Minutes

I. Introductions

24 people attended the meeting.

II. Subcommittee Goal and Objective Review

The goal and objective of the proposed subcommittee group is reviewed with the group.

The updated plan of the Technical Committee (TC) 7.6 Energy Management Subcommittee is intended to align with ASHRAE Strategic Plan (2019-2024). One of three goals of ASHRAE strategic plan is to position ASHRAE as an Essential Knowledge Resource for a Sustainable, High-Performance Built Environment.

The Energy Management Subcommittee from TC 7.6 is directly connected with sustainable and high-performance built environment. **Our goal as a professional group is to position this subcommittee as an essential knowledge source for energy and water management.**

Seminar of interest in Chicago conference 2023.

Paper Session 8: Energy Management, Demand Response Flexibility and Leveraging Building Energy Models

Sunday, January 21, 2024, 1:30 PM – 3:00 PM CST

Marriott Marquis Chicago, 2nd Floor, Great Lakes G

Paper Session 19: Building System Monitoring and Optimization: From Fault Detection to Advanced Sensor Technologies

Tuesday, January 23, 2024, 8:00 AM – 9:30 AM CST

Marriott Marquis Chicago, 2nd Floor, Great Lakes G



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AHR Expo Session 5: Field Studies of Smart Thermostats for Energy-Efficient and Grid Flexibility Operations in Residential and Light Commercial
Tuesday, January 23, 2024, 12:00 PM – 1:00 PM CST

McCormick Place South, South 4, South S401a

Seminar 53: LIVESTREAM: Driving Existing Building Decarbonization through Energy Efficiency and Greenhouse Gas Emissions Reduction with ASHRAE Standard 100

Workshop 2: Planned and Unplanned Pathways in Buildings and Its Influence on Ventilation, IAQ and Air Delivery
Wednesday, January 24, 2024, 9:45 AM – 10:45 AM CST

Marriott Marquis Chicago, 2nd Floor, Great Lakes E

III. Items to discuss

E. Yang: Energy Management ALI Course (3 hour) – over 30 attendees. Focused on helping audience to remove the road blocks of setting their energy management plans. One of the frequent reasons are budget cut or no budget. Based on Joe's feedback, the class is well received. Eric has proposed a google group (ashraeenergymanagement@googlegroup.com) for students to create a community in order to encourage each other.

E. Yang: call for seminars on Energy & Water Management case study, ASHRAE g36, grid connected efficient buildings (check with TC7.5, Precool strategies/storage), ISO50001/50010 topic

Program topics are discussed:

- Improve economizer control
 - Scott W. to present a topic on the common issues of the economizer control
 - Greg C. to present a topic on the recent ASHRAE G36 improvement on Economizer
 - Peter A. to present a topic on FDD approach to improve the economizer
- New tools/dashboard from LBL to quickly help building operators ([link](#)). Some other TC1.5, TC7.5, and TC9.9 potentially can co-sponsor.
- Energy Management case studies
 - Kelly to locate a case study from JLL to present
 - Joe potentially can present in Orlando conference
- How to implement corporation sustainability strategies with



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- Campus implementing strategies – case study (Nick Long)
- 50001 case study
- California state university case study
- Propose How AI can help Energy Management? Potentially CopperTree

Research: any potential research project addressing water-energy nexus?

ii. Research

- Standardized trending SCHEMA: Face the roadblock. No one has interest to be the librarian. Drop this RTAR.
- Water-energy nexus – Eric has a meeting conflict and didn't attend the meeting. Waiting for its meeting minutes.

iii. Education:

- Good trending examples: Joe to share.
- ALI course 3 on decarbonization application- currently being developed by Decarb Task force.

iv. Handbook

- Ali

v. Case study

- ASHRAE headquarter BAS dashboard review and improvement-in progress.

IV. Other Updates

- TC2.8 –liaison
- TC7.3 - liaison
- ASHRAE 189 –Scott W.
- ASHRAE Guideline 36 liaison - Greg

V. New Business

None

VI. Adjournment