



Shaping Tomorrow's
Built Environment Today

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ENERGY MANAGEMENT SUBCOMMITTEE
A Subcommittee of TC 7.6 Building Energy Performance

2024 Annual Conference (Indianapolis/Hybrid)

4:30 PM EST to 5:30 EST

Minutes

I. **Introductions**

16 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 resource for energy and water management, which is directly tied to decarbonization.**

Seminar of interest in Indianapolis conference 2024.

Conference Paper Session 4: AI-Driven Energy Management Sunday, June 23
9:45 AM – 10:45 AM EDT

III. **Items to discuss**

E. Yang: Energy Management ALI Course (3 hour) – 3 attendees (1 PHD student, 1 owner's rep, 1 equipment vendor). Positive feedback directly received. Low enrollment due to the class time (Saturday 12 to 3pm).



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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

Current topic: new tools/dashboard from LBL to quickly help building operators

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

i. Previous idea:

- 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
 - Noresco/Carrier (Brittnay)
- Virtual power plant (Ricson)

New topics

- Energy management vs. decarbonization – case studies
 - The linkage between energy management and decarbonization was discussed.
 - Carbon removal technologies (PNNL?)
- ii. Research
- Standardized trending SCHEMA (ongoing RTAR development, targeted to submit by Orlando conference.)
 - Water-energy nexus (Look for someone to liaison)
- iii. Education:
- Good trending examples (Feel free to share good examples – Follow up with Joe/David)
- iv. Handbook
- Ali (connect Alok to Ali)
- v. Case study
-

IV. **New Business**

None



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V. **Adjournment**