

Meeting Minutes
TC 6.2 District Energy
Main Committee Meeting
Annual Conference in Phoenix, AZ (June 22nd, 2025)

<https://tc0602.ashraetcs.org/>

Attendees

7 Voting Members

Need Minimum 4 Voting Members Present to Meet Quorum

Name	Position	Voting Status	Present
Mr. Timothy Anderson	Chair	Voting	Yes
Mr. Daniel Pyewell	Vice Chair	Non-Voting	
Mr. Charles Bertuch	Secretary	Non-voting	
Mr. Geoff Bares	Programs Subcommittee Chair	Voting	
Dr. Wangda Zuo	Research Subcommittee Chair	Voting	
Gary Phetteplace	Member	Voting	Yes
Bill Ryan	Member	Voting	Yes
Alan Neely	Membership Chair	Voting	Yes
Dr. Jamie Fine	Research Subcommittee Co-Chair	Non-Voting	Yes
Mr. Mohamed Alagraa	Prov Corresponding Member	Non-Voting	
Ms. Elizabeth (Betsy) Goll	Handbook Subcommittee Chair	Non-Voting	Yes
Mr. Steven Tredinnick	Member	Non-Voting	
Mr. John Andrepont	IDEA Liaison	Non-Voting	Yes
Mr. Mahabir Bhandari	Prov Corresponding Member	Non-Voting	
Ms. Kathryn Hinkelman	Prov Corresponding Member	Non-Voting	Yes
Mr. Hassan Younes	Prov Corresponding Member	Non-Voting	Yes
Mr. Gunther Berthold	Guest	Non-Voting	
Mr. Doug Reidl	Section 6 TAC	Non-Voting	Yes
Mr. Matt Mullen	Research Liaison	Non-Voting	
Mr. Art Geisler	Guest	Non-Voting	Yes
Mr. Wayne Borrowman	Prov Corresponding Member	Non-Voting	Yes
Mr. Mohamed Ibrahim	Guest	Non-Voting	
Mr. Saad Khan	Prov Corresponding Member	Non-Voting	Yes
Mr. Dalip Singh	Guest	Non-Voting	Yes
Mr. Robert McCabe	Corresponding Member	Non-Voting	Yes
Mr. Robert Bean	Guest	Non-Voting	Yes
Ms. Ok Kim	Prov Corresponding Member	Non-Voting	Yes
Mr. Wyatt Hahn	Prov Corresponding Member	Non-Voting	Yes
Mr. Bashar Nasir	Prov Corresponding Member	Non-Voting	
Mr. Darren Smith	Prov Corresponding Member	Non-Voting	Yes
Mr. Dragos Paraschiv	Prov Corresponding Member	Non-Voting	Yes

Mr. Jeekesh Arora Rajasthan	Prov Corresponding Member	Non-Voting	Yes
Mr. Michael Huylo	Prov Corresponding Member	Non-Voting	Yes
Mr. Medhi Jalayerian	Prov Corresponding Member	Non-Voting	Yes

1. Call to Order: (TC Chair-Tim Anderson): 4:00 PM Local Time
 - a. Technical Committee 6.2 is concerned with district energy technology and integrated systems that provide one or more forms of thermal energy or a combination of thermal energy and electric power from a central plant(s) to meet the heating, cooling, or combined thermal energy and power needs of end-users in two or more structures. The TC collects and disseminates information on regional resource planning including the design, performance, economic analysis, operation and maintenance of central plants, distribution networks, and consumer limited to materials, construction methods, heat transfer, fluid flow, and measurement. The scope of the TC includes the development and assessment of associated technologies for energy use sections.
 - b. ASHRAE Code of Ethics Statement was recited.
2. Four (4) voting members were present on the attendance list. Quorum was met.
3. Introductions/Attendance taken:
 - a. Secretary for the meeting to take attendance(Tim Anderson), via the membership roster, attendance sheets, and online Team's meeting. Attendance was taken and attached (paper sign-in).
4. Approval of Minutes from the Orlando hybrid meeting (posted to Base Camp)

Alan Neely – Motioned to Approve without comments
 Gary Phetteplace - Seconded
 Approved 4-0-0 CNV
5. TC Breakfast Report: Tim Anderson – Some items of note were brought up in this meeting.
 - a. CEBD(Center for Excellence for Building Decarbonization) Updates
 - i. Has changed from a Task Force
 - ii. One year time frame to organize
 - iii. CEBD will be supported through special projects and moving towards guides to publish.
 - iv. Almost \$1M in research/guide building going on this year.
 - b. Programs Committee
 - i. Tech sessions 128 submitted: 86 accepted for Phoenix
 - ii. ASHRAE Winter conference Vegas 2026
 - iii. ASHARE 2026 annual conference in Austin, TX
 - iv. Programs chair training: Tuesday, 6.24, 11:15 AM Sheraton Downtown, South Mountain, Level 2
 - c. Government Affairs
 - i. What is happening in Washington: tariffs coming through; some laws have effected tax credits
 - ii. Feds are starting to challenge state building code: being worked out in the courts.
 - iii. 179D tax credits may go away.
 - iv. All part of the "big, beautiful bill (BBB)"
 - v. Energy star program eliminated
 - vi. The "BBB" still has not passed and may get edited before passing: Sept 30 is the deadline date.

6. Sub-Committee Reports:

- a. Handbook: Elizabeth Goll (Chair)
 - i. Chapters 12 and 15 proofs ready for publishing.
 - ii. Next order of business will be to start on District Heating Guide. Last updated in 2013.
 - 1. Topics to integrate include High Temperature Hot water.
 - 2. Hot/Cold Storage interface
- b. Membership: Alan Neely (Chair)
 - i. TC 6.02 membership health is good (made quorum this meeting).
 - ii. New members were welcomed.
- c. Program: Geoff Bares (Chair)
 - i. This conference: Phoenix, Seminar 29 was accepted; scheduled time for Monday 9:45 AM, June 23, 2025.
 - ii. Future Seminars:
 - 1. Co-sponsor potential with TC9.1 - HVAC System under sizing or oversizing (or perhaps "rightsizing"): How much is too much?" Dennis Wessel and TC6.01 co-sponsorship. This has not gained much ground; potential is still out there.
 - 2. A potential seminar submission for Las Vegas is being proposed by the incoming sub-committee programs chair, Ok Kim. District energy systems in emerging markets. The final abstract and speakers have not been confirmed yet, but there is time to wrap up into a submission before the August deadline. The chair noted that we can vote online when the details are cleared up.
- d. Standards: This TC does not have a Standard to maintain. Alan Neely was added to complete the Roster Submission.
- e. Webmaster: Jayson Bursill (Chair): No report.
- f. Research: Wangda Zuo (Chair) and Jamie Fine (Co-Chair)
 - i. Banking of Cold in CHW Loop – Work Statement is approved with comments. Comments to address are the budget cost may be low, and need more detail to make the research transferable.
 - ii. Deadline to complete the comments and return to the research committee is in 6 months.
 - iii. Gary Phetteplace report on (RP 1890) – Cosponsored with TC6.8, this research looks into proper flushing velocities to remove debris from inside a pipe before placing into service. The current status includes a 6 month time extension to current comments and repeat the bidding process.

7. Visitors & Liaison Reports/Information from other Committee Representatives

- a. IDEA- John Andrepont: news
 - i. Rob Thornton, president of IDEA, attended the Orlando Winter conference TC 6.02 meeting.
 - ii. 116th Annual Conference was held, June 2-5, 2025 – Minneapolis, MN 900 people attended.
 - iii. September 8-10, 2025, District Cooling Conference in Santiago, Chile
 - iv. 39th Annual Campus Conference, February 17-20, 2026 – near Washington, DC.
 - v. 117th Annual Conference, June 23-26, 2026 – Ottawa, CA.
- b. Center for Excellence in Building Decarbonization – Alan Neely.
 - i. A conference is being planned, but no specifics provided as of yet.
- c. Publications

- i. Publications Committee respectfully requests your input on possible topics, authors and reviewers for future ASHRAE Journal articles. It is our goal to enhance ASHRAE Journal's reputation as the preeminent publication in our industry. Each of you are most in tune with what our members are looking for to further their knowledge base. With this in mind, if you could respond with a topic or two with suggested authors and reviewers it would be greatly appreciated.
 - d. TC's Represented in the meeting
 - i. 6.1 – Hydronic & Steam Heating Equipment and Systems
 - ii. 6.0 – Thermal Energy Storage. Committee meeting is Monday @ 4:00 PM
 - iii. 8.3 – Absorption and Heat Operated Machines meeting is Tuesday @ 8:00 AM.
 - e. TAC Section Liaison (Doug Reidl) – Strategic Plan for technical committees are being requested. Emphasis will be on CEBD (decarbonization)
- 8. Old Business
 - a. Potential new standard – Acceptable Performance Standard for District Cooling Systems. SPC 245 now is currently holding meetings. Contact Steve Hammerling if you are interested in attending the meeting.
- 9. New Business
 - a. Mohamed Alagraa has expressed interest in participating as an international voting member. The Roster was updated(March 2025).
 - b. Contact Tim Anderson if you're interested in serving any positions on this TC.
 - c. T.C. is now on basecamp! Rules for adding people to Basecamp have changed. Notify the current TC chair if you want to join Basecamp, and the matter will be brought to the attention of the Basecamp committee.
- 10. Thank you for serving on TC 6.02 and volunteering for ASHRAE!
- 11. Motion to Adjourn by Gary Phetteplace. Seconded by Bill Ryan. Motion carries.
- 12. Adjourn at 5:15 PM local time.