

TC 6.2 District Energy Meeting Minutes

Hybrid Winter Conference (February 1st, 2026)

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

TC 6.2 Main Committee Meeting

Sunday, February 1st, 2026

3:30 pm – 5:30 pm PT

Technical Committee Members

5 Voting Members, Need a minimum of 3 Voting Members

Present to meet Quorum

Name	Position	Voting Status		
Geoff Bares	Chair	Voting	X	
Elizabeth (Betsy) Goll	Vice Chair	Voting		
Patrick Villaume	Secretary	Voting	X	
Ok Kim	Programs Subcommittee Chair	Voting	X	
Dr. Wangda Zuo	Research Subcommittee Chair	Non-Voting		
Gary Phetteplace	MTG.ASEC	Voting		
Mohamed Alagraa		Voting		
Alan Neely	Membership Chair	Voting	X	
Dr. Jamie Fine	Research Subcommittee Co-Chair	Voting		
	Handbook Subcommittee Chair	Non-Voting		
Eric Burg	TAC Head – Section 6	Non-Voting	X	
Sivanarn Somosundaram	Guest	Non-Voting	X	
Hassan Ali Younes	Guest	Non-Voting	X	
Brock Johnson	Guest	Non-Voting	X	
OJ Johnson	Guest	Non-Voting	X	
Rich Kooy	Guest	Non-Voting	X	
Michael Lanston	Guest	Non-Voting	X	
Wayne Borrowman	Guest	Non-Voting	X	
David Evers	Guest	Non-Voting	X	
Vladimir Naumanov	Guest	Non-Voting	X	
Benjamin Heyser	Guest	Non-Voting	X	
Dick Joe Wei	Guest	Non-Voting	X	
Wyatt Hahn	Guest	Non-Voting	X	
Joe Chow	Guest	Non-Voting	X	
Alec Cusick	Guest	Non-Voting	X	
Tony Mueller	Guest	Non-Voting	X	
Kwang Ho Lee	Guest	Non-Voting	X	
Paul Glanville	Guest	Non-Voting	X	
Mehdi Jalayerian	Guest	Non-Voting	X	
Andrean Hoess	Guest	Non-Voting	X	
Aaron Farha	Guest	Non-Voting	X	
King Tung	Guest	Non-Voting	X	
Matt Schnepf	Guest	Non-Voting	X	

Cameron Leitch	Guest	Non-Voting	X	
----------------	-------	------------	---	--

Virtual Members:

Oumou Sidibe
Robert Bean
Kwang Ho Lee
Dragos Paraschiv
Jamie Fine
Gary Phetteplace
Mohamed Ibrahim
Markel, Larry
John Andrepont
Kathryn Hinkelman
Dalip Singh
Stan Nabozny

1. Call to Order: (TC Chair- Geoff Bares)

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 services 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.

2. ASHRAE Code of Ethics Commitment – (TC Chair – Geoff Bares)

a. In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity, and respect for others, and we shall avoid all real or perceived conflicts of interest. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

3. Introduction / Attendance - (TC Chair – Geoff Bares)

- a. Please state your name, company/location, & position on the committee.
- b. Secretary for the meeting to take attendance, via the membership roster, attendance sheets, and online Teams meeting.
- c. Establish a Quorum, Review of Current Voting Members and TC 6.2 Officers (Ref. Manual of Procedures – 3.2.2, 2.13, 2.14 & 2.15)

- d. Discuss Current positions on the Committee/Roster
- 4. Approval of Minutes from Indianapolis Annual hybrid meeting (posted to base camp)
 - a. Now approved unanimously.
- 5. TC Chair Breakfast
 - a. Slide deck will be posted
 - b. Research with respect to special projects
 - i. We have used respect for our guides
 - ii. Outside solicitation
 - iii. CEBD is running the current ones
 - 1. District Energy is the one the team may want to focus on
 - 2. Soliciting feedback in today's meeting and will CEBD plans to recommend to AHSRAE for the May into Summer meeting
 - c. Strategic research plan development and feedback.
 - i. IWill be added to the minutes from the slides
 - d. Government Affairs Group to monitor issues related to the industry
 - i. Provide an advocacy role for any topic pertinent to the Federal or States
 - ii. District Energy PPIB to set up a meeting after the conference to discuss the potential draft of the work
- 6. Sub-Committee Reports:
 - a. Handbook: Elizabeth Goll (Chair)
 - i. Chapter 12 /15– 2028 working version underway
 - 1. Edits for Austin
 - 2. Possible look to IDEA for assistance with respect to data centers
 - 3. Pumping system review
 - ii. Cooling/Heating guide (2019)
 - 1. Looking to add more discussion with the assistance of IDEA to work on the information inside the guides
 - 2. The cooling guide is also outdated from 2019
 - 3. PTAR possibility?
 - a. Form an opinion as to why and identify people who may be interested
 - b. Wyatt to potentially assist with the liaison
 - 4. Combine the guides?
 - a. Part of the PTAR
 - b. All of the 6 tracks should participate in giving feedback

- Piping, equipment, operation, etc.
 - iii. The 2027 volume needs review; we need to address any concerns for the chapter associated. In the Main Winter Meeting, we will have further discussions at the Summer Meeting
 - iv. If you are interested in assisting with the above chapters, please feel free to reach out to the TC Chair or the Handbook Chair.
- b. Program: OK Kim (Chair)
- i. Phoenix, Seminar 29 was accepted. Monday, June 23rd, 9:45 AM.
 - 1. Successful session
 - ii. Las Vegas Seminar 50 was accepted. Wednesday, February 4th, 8:00 AM
 - 1. Look to see you all there
 - iii. Future submissions
 - 1. Need to discuss the Summer Conference topics to go over and sponsor
 - a. TC 6.9 Thermal Storage
 - b. ASHRAE 90.1
 - 2. Austin Energy will be doing technical tours of facilities for Summer Meeting (w/ TC 6.9)
 - 3. Suggestion to show up and co-sponsor for other activities
 - a. TC 6.2 approved to co-sponsor their seminars for the Summer meeting
 - 4. Track for summer on geothermal for summer, helping to facilitate connections with the track chair
 - 5. The Decarbonization conference has 2 tracks specifically dedicated to district energy
 - a. Submissions are due February 27th
 - b. September 23-25, 2026
 - c. Propose a meeting in a week to potentially discuss
- c. Standards: **(Open Position, Robert Neely?)**
- i. Standard under development SPC245P Acceptable Performance Standard for District Cooling Systems
 - 1. Trying to get more participation
 - 2. How do we set performance standards based on regional and equipment metrics
 - 3. Needs More Members
 - ii. Need a chair for this reason
 - iii. ASHRAE SSPC 15
 - 1. Major update upcoming
 - 2. Members should review the content with respect to District Energy
 - 3. Action to add the STD posted to Basecamp
- d. Research: Wangda Zuo (Chair, stepping off) and Jamie Fine (Co-Chair), [Katie Hinkleman to be co-chair]
- i. Banking of Cold in CHW Loop – Work Statement status
 - 1. Approved with some minor revision requirements
 - 2. Still slowly working through revisions
 - a. Letter that confirms the in-kind contribution for the pilot site that is being targeted (a value)
 - b. Value on the quality of the sensors is being reviewed
 - Included in pilot site valuation
 - 3. Plan to have this to RAC for spring, before March 1st
 - ii. Co-sponsored RP (RP 1890) on adequate flushing velocities in hydronic systems (Gary and Steve to provide update)

1. Updated velocities and purging of air and other debris
2. Venting included
3. Debris included
4. Looking at a presentation before the Summer meeting
- iii. Putting together a work statement for novel/next-gen cooling technologies in district cooling systems
 1. Empower has documentation for a framework and what it will consist of
 2. Have a finished draft and have sent that back to the larger group,
 - a. more feedback, the better
 3. Awaiting feedback from Empower
 - a. Once more formalized, we will proceed with the normal process
- iv. Other potentials
 1. Diversity factor for the supply? Multipliers for different building types and different environments to update the diversity factors. Current factors are dated; new ones need to be analyzed based on current district systems.
 2. Design and commercial evaluation of loads where there are gaps and not maximizing efficient use
- e. Webmaster: Katie Hinkelman (Chair)
 - i. Have access!
 1. Jumping in after this meeting to update
 - ii. Basecamp is being updated ongoing basis as well
 1. 2 different basecamps
 2. Now we have access and will be working on the roster to make sure it is current
- f. Membership: Alan Neely (Chair)
 - i. New Members, Welcome!
 - ii. Membership remains stable
 1. Outside Organizations Present (IDEA)
 2. Also looking into data centers and other adjacent professional organizations (7x24 exchange)
 3. Need more traction across common groups and applications
 - iii. Voting member roster will be updated after this meeting

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

- a. DOE- (open)
- b. IDEA- International District Energy Association
 - i. Feb 17-20 Campus Energy Conference, DC
 - ii. June 23-26 District Energy Conference, Ottawa
 - iii. For further information, please contact IDEA directly

c. Center of Excellence for Building Decarbonization –

- i. Discussed earlier in the meeting

d. TC's represented

- i. 6.1 – Hydronic & Steam Heating Equipment and Systems

1. Not met yet.
2. Will work on a summary for the TC after meeting (Patrick Villaume)

- ii. 6.9 – Thermal Energy Storage

1. Propose a liaison reporting more like a summary to send to both groups to report

- iii. Others represented in the meeting?

1. TC 6.4 same liaison summary needed

e. Handbook

f. Research (Stefan Elbel)

g. TAC Chairman (Satheesh Kulankara)

h. TAC Section Liaison (Eric Burg)

- i. Roster update meeting,
- ii. Fill out the activity form, due Tuesday
- iii. The research advisory panel is looking at the next research plan, look to suggestions

i. Staff (Steve Hammerling)

j. Publications

8. Old Business

9. New Business

- a. [Decarbonization Decoded - Implementing Heat Recovery Within District Energy Systems](#)

2026 RAE Winter Conference

Decarbonizing hydronic systems remains one of the toughest challenges for cities, campuses, and large facilities, where legacy infrastructure, high peak demands, and reliability expectations...

- b. ASHRAE 90.1 call for TC 6.02 members interested in providing feedback on load sharing between commercial buildings.

- i. Members who leave their name in the chat will have contact for meeting times.

10. Thank you for serving on TC 6.02 and volunteering for ASHRAE!

11. Adjourn