

Meeting Minutes: TC 6.2 District Energy
Sunday, 2018-06-24 Houston, Texas

TC 6.2 District Energy

Sunday, 3:00 pm – 5:00 pm, Grand B on the 4th Floor, Hilton Americas

Voting Committee Members

Mr. Alan Neely	2020-06-30	Mr. Michael Calabrese	2020-06-30
Mr. Geoffrey Bares	2020-06-30	Mr. Steve Tredinnick	2019-07-01
Ms. Jessica Mangler	2020-06-30	Mr. Timothy Anderson	2020-07-01
Mr. Scott Murray	2019-07-01		
Mr. Daniel Pyewell	2020-07-01		

New Incoming Voting Committee Member(s)

Xxxx 20xx-xx-xx

1. The Chair Called to Order, and discussed the following.

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.

A. Agenda & Attendance Handouts

B. ASHRAE Code of Ethics Commitment – TC Chairman – Alan Neely

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 interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

C. Members & Guests Introductions

2. Visitors & Reports/Information from other Committee Representatives

3. Voting for Approval of Minutes from 2018-06-24 meeting in Houston, TX.

A. Not completed. Need quorum.

4. Announcements by Chair:

A. CEC Call for Reviewers: 2018 Annual Meeting and others. Contact Tiffany Cox (tcx@ashrae.org) and copy TC Chair & Vice Chair

5. Liaison Reports:

A. DOE- Richard Sweetser

B. IDEA- John Andrepont – Report Attached

6. Sub-Committee Reports:

A. Handbook: Steve Tredinnick (Chair)- Report Attached

B. Membership: John Andrepont (Chair)

C. Program: Tim Anderson (Chair)

D. Standards: Open

E. Webmaster: Dan Pyewell (Chair)

F. Research: Jay Eldridge (Chair)

7. Old Business-

A. J

B. x

i. The

8. New Business-

A. David Handwork - Would like to present a document of proposed content that could be included in the 90.1 standard, like equipment efficiencies, insulation specifications, and other simple items already in 90.1.

9. Meeting Adjourned, to be resumed at 5:00 pm.

10.The Chair Called to Order, and discussed the following.

- A. Visitors announced
- B. Attendance sign in list
- C. ASHRAE Code of Ethics Commitment by TC Chairman – Alan Neely
- D. Voting Quorum discussed. TC needs two additional Voting Members.
 - i. To be Voted on: Long Beach Meeting Minutes and New Members.
- E. Chicago Sub-Committee Meeting
 - i. Three to four presentations under dTCs District Energy topic.
 - ii. Abstracts are due 2018-02-19.
- F. Programs: Review of the upcoming annual conference, 2018 Houston programs
 - i. Creation of a morning session to have all energy sessions concurrent.
 - ii. District energy track. Topics discussed include, Natural Disasters, hurricanes, Weathering the storm, etc.
- G. Papers: Motion from Jessica Mangler to approve the TC 1.10 paper. TC 6.2 to co-sponsor three papers from other TCs. Motion seconded by Geoffrey Bares, all other voting members approved, none declined.

11.Liaison Discussion:

- A. Section Head of TC 90.4
- B. Earl Williams, past Chair of TC 6.2
- C. DOE-
 - i. The Technical Assistance partnership, will be funded next year, they are waiting for the budget. Government is currently shutdown. They want resiliency in various jurisdictions. They are creating a web based e catalog which will be piloted this year. For anyone who wants to provide a package, take standard data and make a performance system, it reduces risk, and reduces cost and time.
- D. IDEA-
 - i. He described what idea is and about the Campus energy coming up. There is no conflict with ASHRAE conference
- E. Section head of TC 6.
 - i. Will help with submissions and new items. Authors will be allowed another submission by 2018-03-15. Innovated research grants, 41 submissions, they awarded to TC 6.7
 - ii. They need the full TC approval for processing, it's stated to best discuss in-person.

12.Sub-Committee Reports:

- A. Research:
 - i. Discussed were topic of Turbo Inlet Cooling for Combustion. Updating the Turbine Inlet Cooling Design Guide. Guide to add in Middle East design specifics. The second update is intended for the building owner of District Cooling. Concern was expressed that this guide will not include reviewers from this TC. The ASHRAE contact person is Steve Comstock.
- B. Handbook: Steve Tredinnick (Chair)
 - i. Chair reported to the group Chapter 12 and Chapter 15 updates. Revised equations need updating from the Design Guide with Handbook. Chapter 15 requires some grammatical updates. The Sub-Committee needs a projector to use at the Houston meeting.
- C. Membership: John Andrepont (Chair)
 - i. The minimum number of voting members required is eight. Post this Winter meeting, the Chair is to update the TC roster. Submit emergency paperwork to update non-voting members to become voting members. Use the website to request TC membership.
- D. Webmaster: Jessica Mangler
 - i. The website has recently been updated. Please review.

13.New Business:

A. Open Discussion:

i. x

(1) x

14. Motion to Adjourn Meeting (5pm)

Subcommittee Meetings

Day, Date, Times, & Location Prior to TC 6.2 Meeting:

TC 6.02 Handbook - Sunday, 2018-06-24, 1:00 - 3:00 pm, Grand B 4th Floor, Hilton Americas

TC 6.02 Program - Sunday, 2018-06-24, 1:00 - 3:00 pm, Grand B 4th Floor, Hilton Americas

TC 6.02 Research - Sunday, 2018-06-24, 1:00 - 3:00 pm, Grand B 4th Floor, Hilton Americas