

**ASHRAE TC 1.10 COMMITTEE MINUTES**  
**San Antonio, TX**  
**June 26, 2012**

The TC 1.10 meeting was called to order by the Chair, Riyaz Papar, at 3:00 PM.

1. Chair Riyaz Papar welcomed all members and acknowledged the visitors.
2. Self-introductions were made by all present. TC 1.10 has 12 Voting Members, including 2 members who resigned before the meeting and 1 non-quorum member, of which 9 were present. Hence, a quorum was established.
3. Secretary Dharam Punwani read the TC 1.10 mission statement.
4. Copies of the draft minutes of the meeting held in Chicago, IL on January 24, 2012 were distributed to the attendees of the meeting. Lucas Hyman made motion to approve the minutes of the meeting, after correcting a minor a typing error pointed out by John Anderpont. The motion was seconded by Geoff Bares and approved unanimously (9, 0, 0).

5. **Subcommittee Reports**

a) **Programs:** Rich Sweetser

Rich Sweetser moved that the following two seminars be proposed to ASHRAE for the Dallas meeting. The motion was seconded by Dharam Punwani and was approved unanimously (9, 0, 0):

1. CHP Basics
2. New CHP Design Guide Preview

TC 6.9 can be the potential cosponsor for the above seminars and John Andrepont will solicit the support of TC 6.9.

Rich Sweetser also informed that starting January 2013 meeting in Dallas, speakers will have to pay \$95.

b) **Research:** Riyaz Paper (for Abdi Zaltash)

i) Lucas Hyman moved that the “CHP Design Guide Update” Research Project 1592 be given a no-cost time extension till January 31, 2013. The motion was seconded by Tim Wagner and was approved 7/0/2(project researchers abstaining)

ii) ASHRAE rejected the following two RTARs submitted by TC 1.10:

1. “Solar-Assisted Geothermal CHP Systems”: Because the scope was too wide.
2. “Developing Methodology for Carbon Emissions Displaced by Combustion Turbine Inlet Cooling (CTIC):” Because ASHRAE felt it should be funded by DOE

Dragos Paraschiv will be the new chair for the Research Subcommittee

c) **Handbook:** Riyaz Papar (for Louay Chamra) and Annette Dwyer

i) Lucas Hyman will be the new chair for the Handbook Committee

ii) Verle Williams, Tim Wagner and Maria Todorovic will help Lucas Hyman in updating Chapter 7 (CHP Systems)

iii) Annette Dwyer reported that the CTIC Subcommittee met on Monday and discussed the CTIC RTAR rejected by ASHRAE and decided not to revise and resubmit. She also reported the revised CTIC chapter this subcommittee had prepared had been published and assigned Chapter # 8 and that Dharam Punwani will be in charge of future updating of this chapter, when necessary. Riyaz acknowledged the heavy lifting done by Annette and Dharam for current Chapter 8. Annette also requested a new time slot for the CTIC Subcommittee

on Monday from 6-7:30PM because the usual time slot of 4:15 to 6:30 PM now conflicts with the new time slot for TC 6.9 (4:15-6PM).

**e) Membership:** Riyaz Papar

Effective July 1, 2012, the roster will be updated as follows:

1. Timothy Wagner, TC 1.10 Chair
2. Dharam Punwani, TC 1.10 Vice Chair
3. Annette Dwyer, TC1.10 Secretary
4. Annette Dwyer, Riyaz Papar and Gearoid Foley roll OFF as Voting Member
5. Lucas Hyman, Harold Smith, John Andrepont and Sriram Somasundaram roll ON as Voting Member
6. Lucas Hyman, Handbook Subcommittee Chair
7. Dragos Paraschiv, Research Subcommittee Chair
8. Dharam Punwani, Honors & Awards Subcommittee Chair

**f) Web Site:** Dragos Paraschiv

He reported that the TC 1.10 website was up to date and that he had created a section for CTIC in the TC 1.10 website.

Please contact him with any suggestions for webpage contents.

**g) Honors & Awards:** Tim Wagner

Tim Wagner moved to nominate Lucas Hyman for the George B. Hightower Award. Rich Sweetser seconded the motion and it was approved 8 (CV)/0/1 (Nominee abstaining).

Dharam Punwani will put together the package for nominating Lucas by the scheduled deadline of September 1. John Andrepont will write a letter on behalf of TC 6.9 in support of the nomination for Lucas.

**h) Standards:** Mark Davis

He reported that the SPC 204P, "MOT/Rating Micro Combined Heat and Power Devices," met and limited the scope of micro CHP systems to 50 kW, as decided by TC 1.10 at the January 2012 meeting in Chicago. The group discussed testing procedures and reviewed the current standards in Europe and USA.

**Chairman's Overview and Report:** Riyaz Papar

He briefed the attendees about what he learned from the Meeting of the TC Chairs. An important item that required TC attention is that ASHRAE is establishing Multidisciplinary Task Groups (MTGs). One of the MTG is on Energy. He suggested that TC 1.10 should assign one of its members as its liaison to attend the next meeting of this MTG.

7. **Old Business: None**

8. **New Business**

John Andrepont informed that ASHRAE is planning to have technical sessions organized in various tracks for its Winter meeting in New York in 2014. He moved that TC 1.10 should support this idea and that it should be in the same track as TC 6.2 (District Energy) and TC 6.9 (Thermal Storage). The motion was approved 9/0/0 CV. John Andrepont will send some more information to Riyaz about the Tracks.

John Andrepont reported that IDEA (1,000 members) Conference in Chicago (June 29-July2, 2012) will have papers related to CHP and CTIC. He also announced that IDEA is inviting papers for its upcoming conferences on February (19-22, 2013) in San Diego, CA and in June (2-5, 2013), 2013 in Miami, FL.

It was suggested that the GoToMeetings should be set up in advance of the TC 1.10 meeting time.

**Adjourn**

Rich Sweetser moved that the meeting be adjourned. Lucas Hyman seconded the motion and it was unanimously approved by all present.

Minutes prepared and respectfully submitted by Dharam Punwani, TC 1.10 Secretary.