

ASHRAE Technical Committee 6.9 - Thermal Storage

Meeting Minutes – Montreal, Quebec

June 27, 2011

Minutes:

1. Preliminaries

- a. The meeting was convened at 2:15 by John Nix, Chair.
- b. The agenda and sign in sheet were distributed.
- c. A roll call of voting members was taken. There were four voting members who attended this meeting; John Nix, Moncef Krarti, Brian Silvetti, and Rupal Choksi.
- d. A quorum of voting committee members was not established. Only four of the eight voting members present.
- e. Self introductions were made.
- f. No changes to the agenda were proposed.
- g. Minutes from the 2011 winter meeting Las Vegas, NV meeting were not reviewed and not approved because a quorum was not established.

2. Announcements by John Nix, TC 6.9 Committee Chair

- a. John Dunlap reported that there will be a “young engineers” gathering at the winter meeting in Chicago. Also, John provided information during the Program subcommittee meeting on how to improve our chances for getting our seminars approved. John also mentioned that the Roster that was submitted by John Nix was not correctly recognized by ASHRAE HQ and that he and John Nix are working to resolve that issue.
- b. Ken Fulk reported that it was recently approved that speakers and moderators will have to pay a nominal fee for future ASHRAE conferences. He was not sure if this would take affect for the upcoming winter meeting in Chicago.
- c. John Nix reported that Charissa Garcia will be coordinating our efforts to update the 6-hour TES professional development course. Mark MacCracken to send Charissa the current development course.

These Draft Minutes have not been approved and are not the Official, approved record until approved by the committee.

3. Liaison Reports – There were no liaison reports.

4. Handbook, Guy Frankenfield

- a. The subcommittee meeting minutes were distributed. Subcommittee minutes will be posted on the TC 6.9 website. Please refer to the details as documented in those minutes. Handbook milestone revision dates were discussed.
- b. Guy reviewed the highlights of the subcommittee meeting.
 - i. July 1st – Final revisions to be sent to the voting members.
 - ii. July 15th – Votes will be collected.
 - iii. July 31st (or sooner) – The approved revisions will be sent to the ASHRAE editors.

5. Programs, Geoff Bares

- a. The subcommittee meeting minutes were distributed. Subcommittee minutes will be posted on the TC 6.9 website. Please refer to the details as documented in those minutes. Handbook milestone revision dates were discussed.
- b. Geoff reviewed the highlights of the subcommittee meeting.
 - i. TC 6.9 has two seminars at this conference.
 - ii. We will be submitting a two part seminar for the Chicago conference. Abstracts are due August 12th.

6. Standards, Robert Willis

- a. The subcommittee meeting minutes were distributed. Subcommittee minutes will be posted on the TC 6.9 website. Please refer to the details as documented in those minutes. Handbook milestone revision dates were discussed.
- b. Robert reviewed the highlights of the subcommittee meeting.

7. Long Range Planning, John Nix

- a. John reported that we have plans to update the 6-hour TES professional development course, and the design guide.
- b. Also, an updated Design Guide may become a future Research project (if there are major changes), and a Special Publication (if there are minor changes).

8. Research, Brian Silvetti

- a. The subcommittee meeting minutes were distributed. Subcommittee minutes will be posted on the TC 6.9 website. Please refer to the details as documented in those minutes. Handbook milestone revision dates were discussed.
- b. Brian reviewed the highlights of the subcommittee meeting.
 - i. TES/Emissions Work Statement: on hold. NREL has made some progress. This Work Statement expires in June of 2013.
 - ii. TC 6.9 has agreed to co-sponsor a research project submitted by 1.10 – Cogeneration. “CHP Design Guide – Update to the Cogeneration Design Guide (1996)”. 1st submission returned with comments. Revised and resubmitted. Reported to have been conditionally accepted but not formally notified.
 - iii. RTAR 1607 – Design and Utilization of Thermal Energy Storage to Increase the Effectiveness of Wind Energy Resources. Revisions are required.
 - iv. PMS meeting for 1387RP – TES for Emergency Cooling – This is complete and approved (6-0-2) and now will be finalized by Don Fenton for publication and presentation, as appropriate.

9. Old Business – no old business

10. New Business

- a. Website:
 - i. John Nix reported that David Bain did a great job keeping our website up to date.
 - ii. Rupal Choksi will be taking over the responsibility of the website along with being the secretary of TC 6.9.
- b. 90.1 could be working towards including TES. Mark MacCracken to follow up with 90.1.
- c. John Nix will be stepping down as the TC chair effective July 1st. Lucas Hyman to be the incoming Chair, and Guy Frankenfield to be the vice-chair.
- d. A 150 meeting will be held later this afternoon at 5:30 PM.

These Draft Minutes have not been approved and are not the Official, approved record until approved by the committee.

- e. Mark MacCracken reported that the morning sessions on the Smart Grid all included energy storage in their presentations. Also, he reported that USGBC a "pilot" load shift may be added.
 - f. There was discussion about the CA Energy Storage Association, TX Energy Storage Associate, and the national Energy Storage Association that is headed up by EPRI.
 - g. After July 1st, there will be 8 new corresponding members, and a total of 13 voting members. John Nix to follow up with new roster.
11. Motion for adjournment by Robert Willis and seconded by Guy Frankenfield, and the motion passed unanimously. The meeting adjourned at 3:50 PM.