

## ASHRAE TC 9.9

### Minutes for 10/28/2008 Phone Conference

4:00 PM EDT to 5:00 PM

- Opened prior meeting minutes for corrections / acceptance – Accepted as is
- Items in meeting notice but not covered in this meeting
  - Our web site has been updated - Thanks Jeff Also The direct URL for the ASHRAE site to obtain copies of our books and/or the publication of the “IT Operating Envelope” is <http://www.ashrae.org/datacombooks>.
  - The Contamination Book “final draft” has been received and distributed so we can get the final comments and then vote it to publication before the end of November. A phone review call is scheduled for Nov 6 at 4:00 PM EDT
  - The Green Tips book is progressing with volunteers lining up for up to 24 different case examples
  - Updates to our first three books to include the expanded recommended operating range are almost done and will be distributed for review by Nov 7.
- Programs sub-committee Vali Sorell chair
  - Vali had a conflict with the time of this call
  - Seminars / Transactions update – details to follow
    - Chicago – The TC 9.9 meetings will be as follows:
      - Sunday 5:00 – 7:00 Programs sub-committee meeting & Strategic Direction Discussions
      - Monday 2:15 – 9:00 Main Meeting – Status Reports from all sub-committees, discussions on key output documents, and votes on all finished works.
      - Tuesday 1:00 – 5:00 Working session to write and review books
    - Louisville – Many papers are currently under review at Manuscript Central
- Research RTAR sub-committee Robin Steinbrecher chair
  - Progress continues; Experts in ESD have joined the committee to facilitate progress; David Swensen a SDA rep is one of the additions; David is writing a white paper (funded by The Green Grid) on ESD; Mark Hydeman has a lead role in writing the scope of work; Next meeting is this Thursday. Target is for a final scope of work for the committee to vote on the November 24<sup>th</sup> conference call. December 15 is the ASHRAE deadline.
- Standards sub-committee Richard Pavalak chair
  - We discussed the current draft of suggested changes to 90.1 passed on to the suppliers and to this committee since the last meeting. It was agreed this process needs to move forward with its own independent phone meetings. Rick will co-ordinate these.
- DOE Training Workshop sub-committee Bill Tschudi chair
  - Formally formed the subcommittee for the effort of developing the material for presentation. Who will be certified to present the material and how they become certified will be addressed later. Members are Terry Rodgers, Magnus Herrlin, Mark Hydeman and Bill Tschudi. Others are welcome to join.
- Measurement Book status review by Tahir Cader

- 9 Chapters are at the Tech writer and the 10<sup>th</sup> is being finalized; target is next week final. The document will then be presented jointly to the TC9.9 committee and the Green Grid for review comment and vote for publication.
- EPC Guide response sub-committee Greg Jeffers Chair
  - Discussion began during the meeting, then continued for an hour afterward with a smaller group. The total now on this subcommittee is 16. Diverse discussion. The groups challenge is to consolidate their views so a consistent response can be sent to The Green Building Council. The group will schedule independent calls to attempt to draft a response. The focus appears to be forming along three lines
    - Specific comments
    - General comments
    - Development of a good comparative baseline Data Center definition
- Some items that need attention (no progress since 9/23). We will see if we can make progress on these for the Nov 24 phone call.
  - Strategic Plan for TC 9.9 (need volunteers to assist) ( Fred)
  - Handbook ( Doug)
  - Ultra Green Data Center Book (Roger)

Next Call is Nov 24<sup>th</sup>. 4:00 PM EDT Details to follow.