

**ASHRAE WINTER MEETING - June 23-27, 2007, Long Beach, California, USA**

**ASHRAE Technical Group TG 1. EXERGY ANALYSIS FOR SUSTAINABLE BUILDINGS**

**MEETING AGENDA**

Time: 8:00-10:00 am, Sunday, June 24, 2007  
Location: R/Sienna(2), Renaissance Hotel

- 1) CALL TO ORDER. & INTRODUCTIONS OF MEMBERS, GUESTS AND LIAISONS PRESENT
- 2) REVIEW OF THE ROSTER and QUORUM CHECK
- 3) READING OF THE TITLE AND SCOPE OF TG-1.
- 4) ADDITIONS AND/OR CHANGES TO THE AGENDA
- 5) ASHRAE LIAISONS REPORTS
- 6) COMMUNICATION ITEMS
- 7) CHAIR'S REPORT AND GENERAL DISCUSSION (30 minutes)
- 8) MEMBERSHIP: new members, additions deletions to membership and roster changes. Discuss rollover roster and emergency roster changes. Selection of Membership Chair
- 9) HANDBOOK Sub-Committee (10-15 minutes for each s/c). Handbook s/c Chair's report and discussions: An overall review of existing handbook chapters is essential. It is necessary to identify which chapters need exergy related upgrade/input and what content and scope is necessary for a new "EXERGY" Chapter. Identify some key chapters and sections for each handbook to strategically contribute to those chapters in terms of exergy-a common metric. We have proposed two Chapters before the Dallas Meeting, however, in our TG 1 meeting in Dallas we decided to embed fundamentals of exergy to the existing Thermodynamics Chapter with TC1.1. Therefore we have one Chapter for 2008 HB left in our proposal. This proposal will be voted upon by the ASHRAE HB Committee in LB. We need to attend their meeting and answer any questions that they might direct to us before their vote.
- 10) RESEARCH Sub-Committee: s/c Chair's report: need for research topics, RTAR's. Identify exergy related key research areas for joint research with industrial partners. RTAR from Dr. Dietrich has been submitted. We need now to discuss more.
- 11) PROGRAM Sub-Committee: s/c Chair's report: Program for NY (next) meeting. Program titles, scope and program types for long-term planning. We have already submitted two transactions, two Seminars and one forum for NY. For LB we have two transactions (Chairs are: Drs. Ratts and Sami), two Seminars (Chairs are: Drs. Jacobi and Ratts), and one Forum (Chair: Dr. Kilkis, rolled over from QC). STANDARDS Identify areas that need exergy related standards and introduction of exergy related clauses to existing standards and guidelines. An overall review of existing standards by all TG members prior to the meeting that need exergy related clauses would be very helpful.
- 12) EDUCATION AND TRAINING Sub-committee shall identify some potential areas and provide education and training through seminars and short courses to people from academia, industry and government organizations.
- 13) ALI (PDC) Liaison: Development of PDC courses. This may be earlier, depending upon the liaison's arrival.
- 14) Website (better features, FAQs, materials, papers etc).
- 15) Development of terminology/dictionary for ASHRAE use. Liaison to TC 1.6 and SPC 166 is Dr. Kilkis. We have already submitted exergy related terms. More terms from members are expected.
- 16) Green Mechanical Council and TRG 4 relations. Explanations from Mr. Meyer and Dr. Kilkis.
- 17) Review of ACTION ITEMS AND PROGRESS (20 minutes).
- 18) New Action Items. Voting for the TG status
- 19) MBO's (15 min)
- 20) OTHER EVENTS AND TG1's involvement)

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