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AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
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TC/TG/TRG MINUTES COVER SHEET

(Minutes of all TC/TG/TRG Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/TRG No.: TC 1.09

DATE: June 28, 2005

TC/TG/TRG TITLE: Electrical System

DATE OF MEETING: Tuesday, June 28, 2005

LOCATION: Denver, Colorado

MEMBERS PRESENT	YEAR APPT'D	MEMBERS ABSENT	YEAR APPT'D	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Voting Members Lawrence Markel Frank Pucciano Russell Tiffany Steve Rosenstock International Members Corresponding Members Ken Luther Leo Stambaugh Hal Lunsford Marvin Thedford		Voting Members Wayne Frazell Robert Helt Colleen Smith Rex Noble Bob Crosby Michael Kuk International Members Marija Todorovic		Ex Officio and Liaisons Visitors John Stoops

DISTRIBUTION:

ALL MEMBERS OF TC/TG/TRG (and meeting guests) TAC Section Head: <u>James H. Norman</u> Programs: <u>Michael D. Byars</u> RAC Research: <u>Jianshun S. Zhang</u> Staff (Res. & Tech. Services): <u>Michael R. Vaughn</u>	ASHRAE Special Publications: <u>Kimball E. Ferguson</u> TAC Chairman: <u>William P. Bahnfleth</u> Journal/Insights: <u>Dale J. Cagwin</u> Standards: <u>John Sabelli</u> Standards Staff: <u>Claire B. Ramspeck</u>
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ASHRAE TC/TG/TRG ACTIVITIES SHEET

MEETING DATE: Tuesday, June 28 January 7, 2005

TC/TG/TRG NO.: TC 1.7 TC/TG/TRG TITLE: Business, Management and General Legal Education

CHAIR: George A. Jackins VICE CHAIR: Mark Diamond SECRETARY: Mike Bilderbeck

TC/TG/TRG MEETING SCHEDULE					
Location – Past 12 Months	Date	Location – Planned Next 12 Months	Date		
Nashville, Tennessee, USA	6/28/04	Chicago, Illinois	1/16/06		
Orlando, Florida, USA	2/7/05	Quebec City, Canada	6/26/06		
TC/TG/TRG SUBCOMMITTEES					
Function			Chair		
Standards Research Program Handbook Webmaster			Ken Luther Larry Markel Russell Tiffany Colleen Smith Wayne Frazell		
RESEARCH PROJECTS – CURRENT					
Project Title	Contractor	Monitoring Committee	Report Made At Meeting		
None					
LONG RANGE RESEARCH PLAN					
Rank	Title	W/S Written	Approved	To RAC	
None					
HANDBOOK RESPONSIBILITIES					
Year & Volume	Chapter	Title	No	Deadline	Handbook Subcom. Liaison
2004 Systems	Electrical Systems		55	3/2006	Brian Rock

STANDARDS ACTIVITIES - List and Describe Subjects

None

TECHNICAL PAPERS from sponsored research — title, when presented (past 3 years present, and planned)

None

TC/TG/TRG SPONSORED SYMPOSIA — title, when presented (past 3 years, present, and planned)

2/00 Current Aspects of Distributed Technology (co-sponsored w/TC 9.5)
1/04 distributed Generation, Security and the Hydrogen Economy None

TC/TG/TRG SPONSORED SEMINARS — title, when presented (past 3 years, present, and planned)

2/00 Dealing with Deregulation: What Will Happen to Power Quality (co-sponsored w/TC 8.11)
6/01 Internet Hotels/Data Centers: Opportunities and Challenges of the new Economy
6/02 Buying Electricity in a “Deregulated” Market
1/04 Considerations for the Application of Emergency Power Systems in Buildings

6/05 Expanded Role of Onsite Generation, Recognizing the Limitations of Present Technologies

TC/TG/TRG SPONSORED FORUMS — title, when presented (past 3 years, present, and planned)

2/00 Are State Regulatory Constraints on Developing Co-generation and District Energy
1/01 Are We Robbing "Peter Transformer" to Pay "Paul Motor"?
6/01 What Is ASHRAE's Design Role in Times of More Frequent Power Interruptions?
1/03 Are You Sure Your Building Can Survive While Operating on Standby Power?

JOURNAL PUBLICATIONS – when published (past 3 years, present & planned)

Submitted By: Marvin Thedford

ASHRAE TC 1.9 Electrical Systems

Minutes of the Meeting
Adams Mark Hotel

Denver, Colorado
Tuesday, June 28, 2005

1. CALL TO ORDER

Introduction of Members and Guests. The Technical Committee 1.9 was called to order at 3:15 p.m. at the Adams Mark Hotel in Denver Co. Technical Committee Members and guests introduced themselves and briefly described their backgrounds. Absent Members are identified on the cover sheet.

Vice Chair Frank Pucciano in the absence of the Chair reviewed the membership list to determine if a quorum was present. Four of ten members were present with a fifth available by telephone if a quorum is needed. The chair said that a quorum was not present.

2. APPROVAL OF MINUTES AND REVIEW OF ACTION ITEMS

Chair Pucciano reported that the draft minutes of the Orlando meeting were sent out via e-mail and posted on the ASHRAE web-site by Wayne Frazell.

MOTION: To approve the Orlando minutes. PASSED 0-0-0 CNV (a quorum was not present to approve the motion)

Report on Action Items:

There were no outstanding Action Items.

3/4. TC MEMBERSHIP and COMMITTEE APPOINTMENTS

Report on changes in voting members.

The chair discussed the new roster and is to submit the changes. The new leaders are:

Frank Pucciano	Chair
Steve Rosenstock	Vice Chair
Lawrence Markel	Research
Colleen Smith	Hand Book
Ken Luther	Standards
Marvin Thedford	Secretary

Russell Tiffany Program
Leo Stambaugh Membership

The voting members for year 2005 and 2006 are Larry Markel, Robert Helt, Colleen Smith, Frank Pucciano, Marvin Thedford, Russell Tiffany, John Stoops as the new roster indicates.

5. CHAIR REPORT: Frank Pucciano

Vice Chair Frank Pucciano chaired the meeting in the absence of the Chair Wayne Frazell. The chair went over the roster and checked for discrepancies.

6. SUBCOMMITTEE REPORTS

A. Standards: Kenneth Luther

Ken Luther discussed the changes to Standard 90. The changes did not affect TC 1.9

B. Research: Larry Markel

Rac is now looking for research projects. The research project needs TC Sponsorship and can also be co-sponsored with another TC. The TC needs to develop an implementation plan for research

Action Item: For the committee. If you have ideas for the implementation plan, e-mail the chair or vice chair

C. Program: Russell Tiffany

A discussion was held about the presentation of papers on Wednesday and the lack of attendance. Frank Pucciano presented Seminar 55 sponsored by TC 1.9 on Wednesday. The seminar entitled "Expanded Role of Onsite Generation, Recognizing the Limitations of Present Technologies". The seminar had four speakers.

D. Handbook: Colleen Smith

Colleen was absent but had sent the latest incorporated revisions from four committee members who had sent information to Colleen. Steve Rosenstock added some new material. Colleen indicated that March 15, 3006 is the final revision deadline to the Handbook committee

E. Membership: Leo Stambaugh

for advancement qualifications. Leo Stambaugh said he continues to check the status of the committee member

8. Web Site: Wayne Frazell

No report, Wayne was absent. It was reported that we are on the webb.

9. LIASION REPORTS

There were no reports

10. OLD BUSINESS

There was no old business.

11. NEW BUSINESS

There was no new business.

13. ANNOUNCEMENT OF NEXT MEETING

Vice Chair Pucciano announced that the next TC meeting will be held in Chicago at the same time period.

14. ADJOURNMENT

The meeting adjourned at 4:55

PM.

Respectfully submitted,

Marvin Thedford
Secretary, TC 1.09