

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.**

1791 Tullie Circle, N.E./Atlanta, GA 30329

404-636-8400

TC/TG/TRG MINUTES COVER SHEET

TC/TG/TRG NO.: TC 1.9 DATE: July 1, 2003

TC/TG/TRG TITLE: Electrical Systems

DATE OF MEETING: July 1, 2003 LOCATION: Kansas City, Mo

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Hal Lunsford	2001	Rex Noble	1999	Marvin Thedford
Wayne Frazell	2000	Bob Crosby	2000	Morris Markel
Lawrence Markel	2002			John Stoops
Robert Helt	2002			Kirk Bond
Kenneth Luther	2000			Joel Solis
Russell Tiffany	1999			Marja Todoric
Colleen Smith	2002			Branco Todoric
Leo Stambaugh	1999			Evan Markel
Frank Pucciano	2000			Moncef Krauti
Sally McInerny				

DISTRIBUTION:

ALL MEMBERS OF THE TC/TG/TRG

TAC COMMITTEE CHAIRPERSON: Art McIvor

TAC SECTION HEAD: Jim Norman

LIAISONS:

RAC RESEARCH LIAISON: Jianshun Zhang

STANDARDS: Charles Cowart

PROGRAM: Michael Byars

HANDBOOK: Brian Rock

ASHRAE LEARNING INSTITUTE: Doug Hittle

TEGA: Michael Circosta

JOURNAL/INSIGHTS: Marilyn Listivan

STAFF RESEARCH: Michael Vaughn

STAFF STANDARDS: Claire Ramspeck

STAFF TECHNICAL SERVICES: Martin Weiland

ADDITIONAL DISTRIBUTION: All corresponding members and guests.

ASHRAE TC/TG/TRG ACTIVITIES SHEET

DATE: July 1, 2003

TC/TG/TRG NO.: TC 1.9 TC/TG/TRG TITLE: Electrical Systems

CHAIRMAN: Wayne Frazell VICE CHAIRMAN: Frank Pucciano SECRETARY: Rex Noble

TC/TG/TRG MEETING SCHEDULE				
Location-Past 12 Months	Date	Location-Planned Next 12 Months	Date	
Chicago, Ill	1/2003	Anaheim, CA	1/2004	
Honolulu, HI	1/2002	Nashville, TN	6/2004	
TC/TG/TRG SUBCOMMITTEES				
Function		Chairman		
Standards Research Program Handbook Webmaster		Ken Luther Larry Markel Russ Tiffany Colleen Smith Sally McInerny		
RESEARCH PROJECTS-CURRENT				
Project Title	Contractor	Monitoring Comm. Chpt.	Report Made At Meeting	
URP-1078 is complete				
LONG RANGE RESEARCH PLAN				
Rank Title	W/S Written	Apprv.	To R&T	
1.				
2.				
3.				
HANDBOOK RESPONSIBILITIES				
Year & Volume	Chapter Title	No.	Deadline	Handbook Subcommittee Liaison
2004 Systems	Electrical Systems	Continous Maintenance	-----	Brian Rock
STANDARDS ACTIVITIES-List and Describe Subjects				

TECHNICAL PAPERS from Sponsored Research-Title, when presented (past 3 yrs. present & planned)
TC/TG Sponsored Symposia-Title, when presented (past 3 yrs. present & planned)
2/00 Current Aspects of Distributed Technology (co-sponsored w/TC 9.5)
TC/TG Sponsored Seminars-Title when present (past 3 yrs. present & 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 6/04 “Local and/or Non Traditional Energy Resources Within a Buiding” to be further discussed in Anaheim
TC/TG Sponsored Forums-Title, when presented (past 3 yrs. present & 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? 6/04 “What Else Needs to be in the Handbook Chapter” to be further discussed in Anaheim
JOURNAL PUBLICATIONS, when published (past 3 yrs. present & planned)

Submitted By:

Minutes

TC 1.9 – ELECTRICAL SYSTEMS

KANSAS CITY, JULY 1, 2003

1. Call to order at approximately 3:35 pm on 7/1/03. A quorum was established.
2. Introductions (Either you're a Texan or not).
3. Approval of minutes from previous meeting (Honolulu)

The minutes were approved with the following change: Action #3 to be changed to a summary of the forum at the Chicago meeting instead of a summary for a seminar in Anaheim.

4. Liaison reports
 - a. Handbook. Brian Rock, Handbook liason, gave a report. Handbook liason would like us to appoint a lead handbook revisor. Every member is required to review the chapter everytime we have a change.
 - b. TAC Section Head – a list of the newly numbered TC's were passed around.
 - c. TC Chair meeting – announcements by Chair Frazell:

new theme is the community of ASHRAE.

20 Mb available over the website for each TC.

Printer will be available at ASHRAE meetings for ASHRAE related work.

There is a concern that a small portion of the engineers attending ASHRAE winter meeting are not attending the ARI show.

- d. ASHRAE Learning Institute (ALI) Coordinator – Leo Stambaugh. What items of the Fundamentals of Electrical Systems and Electrical Building Use need more emphasis and what needs to be taken out. Comments are requested.
5. Subcommittee reports
- a. Research – Larry Markel. Larry noted that we had reviewed our research plans at the last meeting. Fewer than 50% of the research projects are accepted largely due to inadequate paperwork or justification.
 - b. Standards – Ken Luther. International Energy Conservation Code will seriously consider adopting Standard 90.1 (which includes information about the TP 1 NEMA Standard) TC1.9 will offer to review TP 1 as a reference source. Ken Luther will bring the idea about TC1.9 reviewing the TP 1 section to the lighting subcommittee.
 - c. Programs – Russ Tiffany – program plans for Anaheim due August 8 to ASHRAE Headquarters. Larry, Frank and Russell will get together and recommend a seminar in Nashville. We will talk about it in Anaheim.

Forum – Nashville – “What Else Needs to be in the Handbook Chapter” to be further discussed in Anaheim

Seminar – “Local and/or Non Traditional Energy Resources Within a Building” to be further discussed in Anaheim

- d. Handbook – Colleen Smith. A comprehensive list handbook chapters was passed around that lists all the items that are currently published and also our wish list for new topics.
 - e. Honors & Award – everyone should update their bios
 - f. Webmaster – Sally McInerny has completed our TC webpage. Many accolades from the group on a job well done.
- 6. Old Business
 - 7. New Business

Motion moved and seconded that TC 1.9 put the seminar that TC 1.9 sponsored in Honolulu be posted on the website. A majority of the committee voted yesr to doing this.

- 8. Membership (Welcome new members)

The current management team for TC1.9 is:

Chair: Wayne Frazell

Vice Chair: Frank Pucciano

Secretary: Rex Noble

Research Subcommittee Chair: Larry Markel

Standards Subcommittee Chair Ken Luther

Program Subcommittee Chair Russ Tiffany

Handbook Subcommittee Chair Colleen Smith

ALI Coordinator: Leo Stambaugh

Webmaster: Sally McInerny

9. Adjournment

10. Action Items (from this meeting):

Wayne Frazell to convert minutes from Hawaii meeting to .pdf and forward to Sally McInerny.

Larry will write up a list of research topics to RAC.

Colleen Smith to prioritize the next handbook changes and suggest TC 1.9 embers to assist with the writing of the topic or revisions.

Every TC member should update their ASHRAE bio.

Larry, Frank and Russell will get together and recommend a seminar in Nashville. We will talk about it in Anaheim.