



METROPOLITAN LOS ANGELES SECTION & PES METRO GENERAL MEMBERSHIP

MEETING

February 19, 2008 11:00 A.M. – 1: 30 P.M.

SECTION OFFICERS

2008 OFFICERS

Yvonne Marchand Section
Chair, SCE

Gil Carmona
Past Chair, SCE

Ray Harlow
Vice Chair Young Co

Charles Cai
Secretary, SCE

E. Miranda
Past Section Chair &
Education, SCE

Dr. Larry Bergman
PACE Chair, JPL

Don Giddings,
Past Section Chair &
membership, DWP

LD/Student Liason
Mike Orr

Section Chapters
PES
Alicia. Lopez @sce.com

MTT Chapter
Dr.Frank.Maiwald@jpl.n
asa.gov

Webmaster
"Riaz Naseer"
naseer@USC.EDU

Student Branches chairs
CSULA"Amrita Parida"
aparida@gmail.com
vchav@caltech.edu.
blasdell@usc.edu

TOPIC

POLYMER & ELECTRICAL FIELD, a TECHNICAL PRESENTATION

SPEAKER

Jeff Burnham, Insulator Application Engineer at NGK

LOCATION

**Luminarias Restaurant 3500 Ramona Blvd.
Monterey Park CA. 91754, (323) 268- 4177**

RESERVATION: IEEE Members and non-members are invited! Please RSVP to:

Miguel.A.Guerrero@sce.com by 2-11-08

COST

Members: \$10, students \$5, **non-members \$20** go to www.ieee.org/join
If you wish to reduce your cost.

PRESENTATION DESCRIPTION

The presentation will start with the basic principles of electric fields in relationship to insulators. It will include a discussion on national and international standards relating to electric field testing of polymer insulators and how these are different than recent recommendations by EPRI. In addition, the audience will have an understanding of the factors that affect corona development that can lead to the premature failures of polymer insulators, and how to prevent them.

ABOUT THE SPEAKER

Jeff Burnham is currently Manager of Insulator Application Engineering for NGK-Locke Inc. Previously he was senior transmission design engineer for Florida Power and Light where he was responsible for structure standards and insulators. He is a senior member of IEEE and was past chairman of the IEEE Brittle Fracture Task Force. Jeff has authored or co-authored over 30 professional publications on the topic of insulators. He is also the co-author of the book "Outdoor Insulators. Currently Jeff is co-chairman of the IEEE Task Force on improving contamination performance of in-service transmission facilities. His education background includes a BA in Antropology, from Fresno State, a MA Anthropology and a Washington State University BS in Electrical Engineering from Midwest College of Engineering

