The BEEET

The Bulletin of Electrical & Electronics Engineers of Tucson

IEEE TUCSON SECTION MEETING

out the website at www.u.arizona.edu/~dimitri.

NORTHEAST BLACKOUTS AND SOUTHWEST POWER –TUCSON AND ITS ELECTRIC POWER

Date: Tuesday, October 28, 2003

Time: 6:00 P.M.

Speaker: Mike Flores, Manager Control Area Operations, TEP

Place: AME S202 at the U of A

On August 14th, 2003 an electric power blackout darkened much of the Northeast and Great Lakes regions of the US and Canada for a day or more. The US states of New York, New Jersey, Vermont, Michigan, Ohio, Pennsylvania, Connecticut, Massachusetts were affected. Approximately 50 million people were affected by the outage. How does this affect Tucson? Is this something that could happen here?

Mike Flores has some of those answers. He can tell you where Tucson gets its power, how the national grid is set up, how Tucson is connected to the grid, and how power is protected from blackouts like the one recently seen in the Northeast. Come to the meeting and learn about the power management in the Old Pueblo.

Mike Flores is a Manager of Control Area Operations for Tucson Electric Power. He has a BS and MS in EE (Power Systems) from New Mexico State University. He has worked at TEP for 23 years in various operations areas. He is currently responsible for Generation Dispatch, Transmission Control (500kV, 345kV, 138kV, and 46kV switching and operations), Transmission Planning, Energy Scheduling, SCADA (Energy Management System) and Operational Technologies (GIS, Outage Management, Work Management). He also holds various positions in the Western Electric Coordinating Council and has participated in numerous transmissions outage investigations.

Conferences Coming to Tucson

The Lasers and Electro-Optics Society (LEOS) will be holding the 16th annual LEOS meeting October 26-30, 2003 in Tucson. For information, email: leosconferences@ieee.org or check out their website at www.i-leos.org.

Also the 41st annual Reliability Engineering and Management Institute Conference will be held November 17-20, 2003 in Tucson. For information, email: dimitri@u.arizona.edu or check

Feedback and Volunteering

We need to hear from you! We want to know what we can provide to make IEEE a better organization. If you have any ideas for meetings, any activities that promote engineering and the IEEE, let us know! We'd like to hear from you. Also, remember that we run this as a set of volunteers. If you put something into this organization, you can get much more out of it! We need you to help out! Contact us! Help out! Contact us!

Standing Committees

The Tucson Section has standing committees whose chairperson is not elected, but is appointed by the Section Chairman. If you are interested in any of these positions or are interested in having a say in what the Tucson Section does, please notify Joseph Wu at joewu@ieee.org or at 519-0904.

Newsletter Editor Membership Development Awards and Recognition

Senior Membership

Do you want to become a senior member of the IEEE? The IEEE wants to promote qualified candidates to senior membership! If you have 10 years of professional experience of which five years of *significant professional performance*, you are qualified for a senior member upgrade. Educational experience such as a bachelor's degree in an IEEE-designated field counts 4 years to that number, a master's degree counts 5 years and a doctorate counts 6 years. In order to find out more, point your web browser to www.ieee.org and search for senior membership!

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In case you didn't know, you can get email notices about meetings in the Tucson Section. Just check out the page in the Tucson Section Website: http://www.ewh.ieee.org/r6/tucson/mail.htm

Also, if you want change addresses, change a typographical error in your profile, or have problems with your subscriptions, you can do solve those problems yourself! Send an email to one of the addresses listed below:

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Website:

Tucson Section Meeting Tuesday, October 28, 2003 6:00 PM, at the U of A AME S202

(NE corner of Speedway and Mountain – Parking available east of the building after 5 P.M.)

Refreshments Provided

http://ewh.ieee.org/r6/tucson

Remember

- ?? We're always looking for topics for general meetings, if you have an idea or a speaker in mind let us know!
- ?? Also, check out the website at:

http://ewh.ieee.org/r6/tucson

There is an email mailing list for the Tucson Section. If you want email notices, you can put yourself on the list. Just find the link through our website and follow the directions.