



IEEE

Central Texas Section

www.ieee.org/CTS

Power & Energy Society

San Antonio Chapter

Date: Thursday, July 21, 2011

Time: 6:00 to 6:30PM Social
6:30 to 7:00PM Dinner
7:00 to 8:00PM Speaker Presentation

Presentation: \$1 Members & Non-members

Dinner: Please go through the line and order from the menu.
(You can sign in either before or after you order.)

Cash only please, No checks or credit cards.

Location: Grady's
6510 San Pedro
San Antonio, Texas
210-805-8036

RSVP: Please RSVP to Christina Gaydos @ **210-658-7250**, or
chris@grubbengineering.com.
For more information go to our web site
<http://ewh.ieee.org/soc/pes/centraltexas/sanantonio/index.html>

Program: Integrated Distribution Operations Systems at CPS Energy

Speaker: Tommy Ross

About the Speaker: Mr. Ross received his BS in Electrical Engineering from The University of Texas at San Antonio and is a Professional Engineer in the State of Texas. He is currently the manager of OMS/DMS SCADA Support for CPS Energy. Tommy is married with two daughters, and five grandchildren.

Presentation Abstract: CPS Energy is the nation's largest municipally owned energy utility providing both natural gas and electric service to the Greater San Antonio, TX area, including 707,000 electric customers.

This presentation describes the path to integrated distribution operations at CPS Energy, which started with the implementation of OMS and GIS in 2006. OMS was integrated with GIS, SAP, IVR, SCADA, and mobile data. CPS Energy subsequently implemented a distribution SCADA system, and in May of 2010, it went live with an integrated SCADA/DMS/OMS system. A business intelligence system was also added, that leverages data from its distribution operational systems to provide situational awareness throughout CPS Energy and to CPS Energy's customers.

In this presentation, the process of implementing these systems will be described. Architecture and functionality of the integrated system will be presented. Benefits and

lessons-learned will be reviewed, with particular emphasis on the benefits to CPS Energy's system operators.

CPS Energy's planned next steps for further enhancing its integrated distribution operations platform will also be presented. This includes implementation of self-healing and volt/VAR optimization, leveraging its past investments in integrated SCADA/DMS/OMS.

Directions to Grady's

