



IEEE

The Institute of Electrical and Electronics Engineers, Inc.  
New Orleans Section  
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2450 Severn Ave., Suite 400  
Metairie, LA 70001

November 16, 2007  
VOLUME XXX  
ISSUE 9

**TO:**

# THE SECTION BITS

IEEE New Orleans Section Website: <http://www.ieee-neworleans.org/>

*Providing monthly news to Electrical and Electronic Engineers in the New Orleans Section of IEEE*

## *Joint New Orleans Power/ComSoc Society Meeting Thursday November 29, 2007*

<b>Location:</b>	<b>Smilie's Restaurant</b> 5725 Jefferson Highway    Harahan, LA 70123
<b>Time:</b>	6:30pm Cash Bar    7:00pm Dinner    8:00pm Program
<b>Menu:</b>	Soup / Salad:    Soup du Jour / Salad with House Dressing Entrée Choices:    Catfish Smilie (Filet topped w/shrimp; baked w/white wine & butter) Prime Ribeye Steak (12 oz. Ribeye Center Cut) Chicken St. Charles (Baked boneless breast top;w/Shrimp Cream Sauce) All entrees served w/ potatoes and a vegetable Dessert:    Bread Pudding Beverage:    Iced Tea
<b>Cost / PDH Credits:</b>	\$20.00 each for Members \$25.00 each for Non-Members \$10.00 each for Retirees/Students  <b>PDH Credits Will Be Issued For This Meeting</b>
<b>Reservations:</b>	<b>Reservations are REQUIRED for this meeting. Please <b>RSVP</b> your reservation to Larry Ringel (504) 836-8937 (leave a message) or e-mail <a href="mailto:lringel@msbenbow.com">lringel@msbenbow.com</a> by <b>November 26, 2007.</b></b>



**Joint Meeting with Power Engineering Society**  
**Thursday, November 29, 2007**



<b>Speaker:</b>	<b>Leonard Chamberlin</b> Data Network Engineer DCC Services - New Orleans, LA.
<b>Topic:</b>	<b>“Evolution of Substation Communications”</b>
<b>Speaker’s Biography:</b>	<p>Leonard Chamberlin is a data network engineer for DCC Services in New Orleans, LA. He has been contracted to Entergy Transmission since April of 2004. In this role, Leonard is responsible for all aspects of the implementation of substation networking for Entergy. He designs, procures, stages, installs, monitors, and maintains the substation controls network. Leonard has also represented Entergy for the Eastern Interconnect Phasor Project (EIPP, now NASPI).</p> <p>Mr. Chamberlin has a bachelor’s degree in Computer Science from Tulane University in New Orleans, LA and holds several industry certifications from Cisco Systems. Prior to his work at Entergy, Leonard held positions at Sprint Paranet, Shell Oil, and was a partner in the networking firm Veritech, LLC.</p>
<b>Topic Abstract:</b>	<p>Leonard Chamberlin will present the evolution of substation communications at Entergy, from simple 1200 baud analog to digital circuits and ultimately Ethernet to the station. Design considerations including applications supported, challenges faced, and security concerns will be discussed. An overview of how Entergy’s substation controls network was uniquely positioned to assist with storm restoration will be highlighted.</p> <p>Entergy is in the process of upgrading substation communications to create a private substation controls data network. In addition to converting SCADA to run over DNP, Leonard is incorporating synchrophasors, transformer monitoring, digital fault records, and numerous other applications over the network as well as enabling voice over IP and video surveillance for the stations.</p>

**2008 PES Chapter Elections**

Please note that the Election of the 2008 PES Chapter Chair will be held at this meeting. If anyone would like to serve as PES Chapter Chair for the 2008 fiscal year and be included on the ballot, please either contact Lance Priez at 374-4410 or [lpriez@entergy.com](mailto:lpriez@entergy.com) to have your name added to the ballot. You can also submit your name in person at the November 29<sup>th</sup> meeting. You need to be a member of the Power Engineering Society to run for this position.