



**IEEE**  
**Central Texas Section**  
**Power & Energy Society**  
**Austin Chapter**



**April 2011 Meeting Announcement**

**Date:** Tuesday, April 26, 2011

**Time:** 6:00 PM Social  
6:30 to 7:00 PM Dinner  
7:00 to 7:30 PM Business Meeting  
7:30 to 8:30 PM Program  
9:00 PM room closes for the benefit of long distance drivers and early risers

**Location:** El Gallo Mexican Restaurant, 512-444-2205  
2910 S Congress, Austin Texas 78704 (directions below)

**RSVP:** Please RSVP - if you plan to attend or have questions please contact Steve Pearson at [pearssteve@gmail.com](mailto:pearssteve@gmail.com)

**Dinner:**

- \$11 or \$13 for IEEE members and accompanying spouses
- \$14 or \$16 for non-IEEE members
- \$2 for Drinks
- Student members FREE and \$2 for specials
- \$3 for student visitors, and non-meal participants

**Menu:** The bar will be available to those who care to purchase a drink or beer. When you order, you will have a choice from nine special selections and six traditional combinations on our menu.

**Speaker:** **Randy Davis** of Legacy Lighting

**Topic:** **Designing with Solid State Lighting**

With the increased emphasis of energy conservation in the workplace, LED lighting has captured the imagination of code authorities, architects and engineers alike. Designers and engineers are using LED lighting in a myriad of applications both inside structures and in outside environments. Code officials are setting the watts/sq. ft requirements so stringent that LED lighting is the only means capable of achieving these mandates. This presentation recounts the technology changes in the LED lighting industry and how these changes allow for better energy conservation and performance in lighting designs.

Outline:

- History and development of LEDs
- Architecture of an LED
- Differences between white LEDs and RGB LEDs
- Performance benefits of LEDs over traditional light sources
- Test and accreditation standards for LEDs
- Questions and Discussion

**Biography:** Randy Davis is an Account Representative for Legacy Lighting, Inc. of Austin, Texas. Mr. Davis received his Bachelor of Science Degree in International Banking from Stephen F. Austin University in 2003. Upon graduation, Mr. Davis spent a few years getting to know the Architectural community in and around the central Texas region by being a sales Representative for Sherwin-Williams and Benjamin Moore. It was during this time that Mr. Davis began his interest in lighting in general, and LED lighting in particular. When Legacy

Lighting lured him away, he immersed himself in the LED technology to the point that today, Mr. Davis provides not only the creative support for the central Texas architectural community but also the technical support for the lighting engineers in and around central Texas. Mr. Davis has obtained his Leed certification and last year has worked on approximately 37 Leed projects. Mr. Davis is a guest lecturer for the U.T. School of Architectural, and also for the American Association of Facility Managers. Although he is quite busy professionally, Mr. Davis is married, and has two children who tend to keep him occupied outside of normal business hours.

**Parking:** There is a large parking lot in front of and on the south side of the restaurant. The meeting will be held in the party room to the left of the cashier's counter.

**Directions:** (See the map linked from the Website, <http://ewh.ieee.org/soc/pes/centraltexas/>)

**From I-35:** Exit at Oltorf and drive west. At S. Congress, turn left (south). El Gallo is about 500 feet past the next traffic light (Cumberland), on the right (west) side of Congress, directly across from the entrance to St. Edward's University.

**From Ben White Blvd. (US290/SH71):** Exit at S. Congress Avenue and drive north. El Gallo is about 600 feet past the next traffic light (Woodward), on the left (west) side of Congress directly across from the entrance to St. Edward's University.