

TOWER Training

Analysis and Design of Transmission Towers Using the TOWER Software - A Hands-On Training Course

April 5th - 7th, 2005

Time: 8:00 am to 4:00 pm

April 5th and 6th

8:00 am to 12:00 noon

April 7th

EPRI Energy Delivery

& Utilization Center

100 Research Drive

Haslet, TX 76052

POWER LINE[®]
S Y S T E M S · I N C ·

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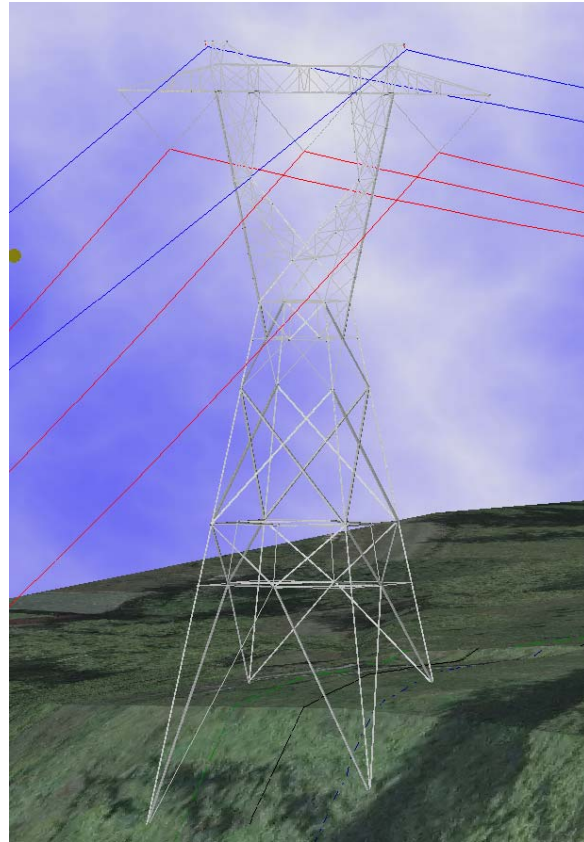
**Learn the Industry
Standard in Overhead Line
Design Software**

TOWER is the most widely used lattice tower analysis and design program in the world today. It's ability to link directly with PLS-CADD, the industry standard in overhead line design and drafting software, makes it the tool of choice for overhead line designers.

This course will teach the attendees how to use TOWER to model lattice steel towers, whether for construction of new lattice tower lines or upgrading, reconductoring, or adding ancillary attachments to existing transmission towers.

Topics Covered

- General Modeling Concepts
- Building and Viewing a Model
- Design Strength
- Loads
- Analysis and Convergence Issues
- Data Review and Tabulation of Output
- Design Functions
- Using TOWER Models in PLS-CADD
- Communication Towers — Brief Overview
- Existing Towers
- Tower Project Management
- Design Checks Beyond TOWER
- Course Conclusion



Since this course is a BYON (Bring Your Own Notebook) event, please make arrangements to have a notebook computer with you. Hardware keys will be provided, if necessary, and we will provide the latest TOWER version for use during the course.

Who Should Attend?

This course is open to all engineers and technicians whose companies currently use TOWER and/or PLS-CADD.

Costs

The training costs are \$1000 per person.

Other Items

Lunch will be provided each day. Attendees are responsible for all other costs incurred including lodging. As this event is not being held at a hotel, no agreements have been made with a hotel.

Instructors

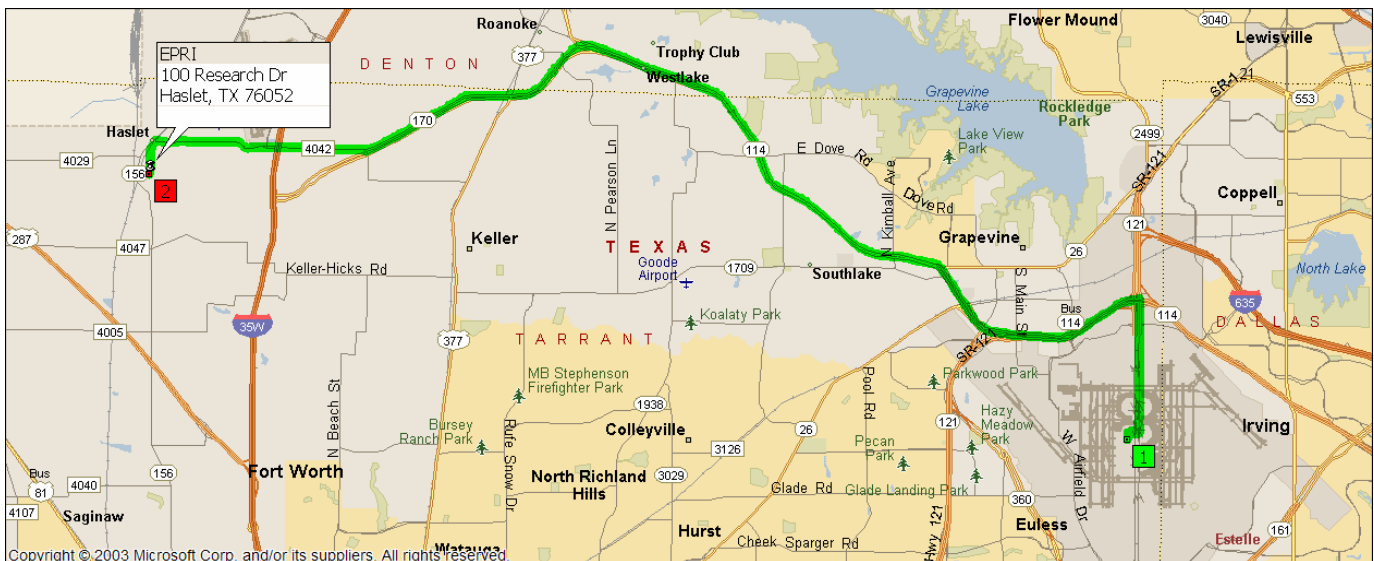
The course will be conducted by Bob Nickerson and Otto Lynch. Mr. Nickerson and Mr. Lynch are both on the ASCE-10 Committee and are extremely proficient with TOWER and its use in the practical world. Erik Jacobsen, the software engineer responsible for the current TOWER version will be on hand as well.

More Information?

A registration form is on the back of this brochure. Seats are limited to the first 20 registrants and we must receive payment in order to reserve your seat.

Since this will be the only comprehensive TOWER training course in 2005, register early and don't miss this unique opportunity. Please visit our website at <http://www.powline.com/news.html#TRAINING> for other 2005 training opportunities provided by PLS.

Power Line Systems, Inc. does occasionally provide on-site training for larger organizations



Details

The training will be conducted from 8:00 AM to 4:00 PM the first two days, April 5th and 6th, and from 8:00 - 12:00 noon on April 7th, 2005. It will be conducted at EPRI's Energy Delivery & Utilization Center in Haslet, Texas, which is just north of Ft. Worth. It is about 25 miles west of DFW airport.

Hotel accommodations will be the responsibility of the attendees. There are a number of hotels in the region. Please see

http://www.epri.com/corporate/discover_epri/epri_facts/maps/haslet.html

for detailed maps of EPRI's location and listings of area hotels.



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TOWER Course Registration Form

April 5th—7th, 2005 in Haslet, Texas USA

Each attendee must submit the complete form to register – please print.

Attendee Information:

Name (First/Last) _____ Phone _____

Company _____ Fax _____

Address _____ E-Mail _____

City _____ State _____ Zip _____

Payment Information:

Full payment is required prior to the training and must be received in order to reserve a seat for the training. Seats are reserved on a first-paid first-serve basis and are limited to 20 people.

Check No. _____

I authorize Power Line Systems, Inc. to charge my MasterCard Visa for the amount of \$1000. Note that Power Line Systems can only accept MasterCard or VISA credit cards.

Card No. _____ Expiration Date _____

Cardholder Name _____ Signature _____

Credit Card Billing Address _____

(if different than above) _____

City _____ State _____ Zip _____

Cancellation Policy:

Confirmed registrants who do not participate or who cancel after March 11th , 2005, will forfeit their entire registration fee. Power Line Systems, Inc. reserves the right to cancel the training session. In the unlikely event of a cancellation, all registration fees will be refunded.