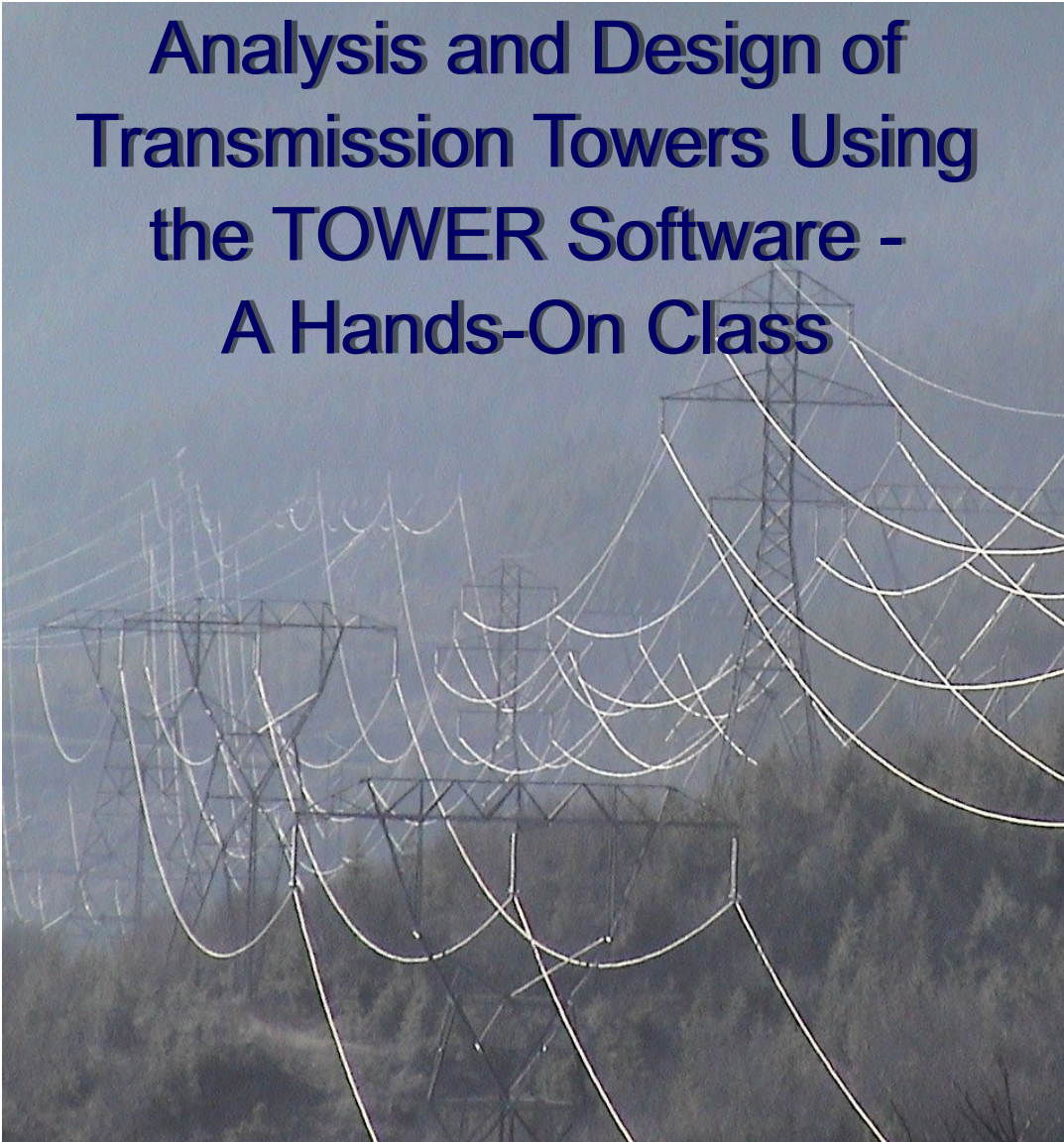# TOWER
Class

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

April 18 - April 21, 2017

Time: 8:30 AM to 4:30 PM
April 18 - 22 and
8:30 AM to 12:30 PM
April 21

at

Power Line Systems, Inc.

610 N. Whitney Way

Suite 160

Madison, WI 53705

POWER LINE®
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Suite 160
Madison, WI 53705
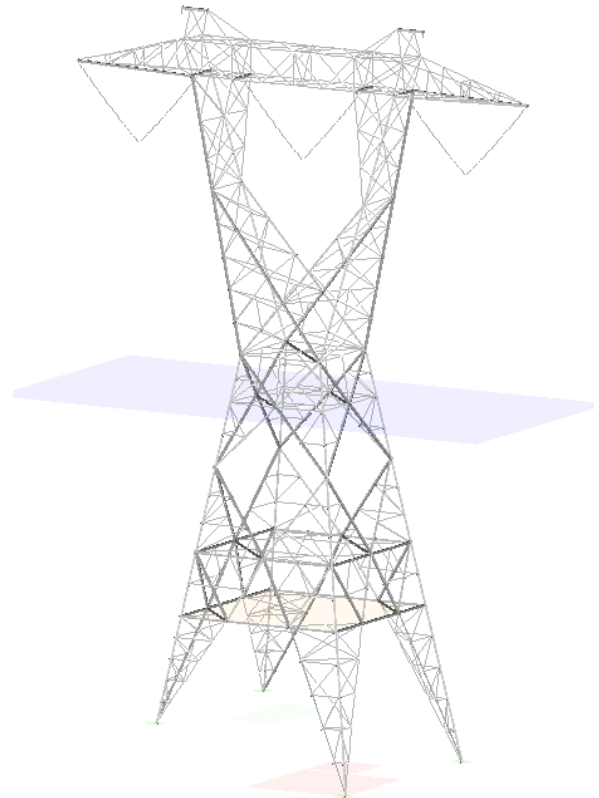Phone: (608) 238-2171
Fax: (608) 238-9241
http://www.powline.com

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. An example using the Family Manager will be included as well.

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
- Existing Towers
- Tower Project Management
- Body and Leg Extension Design with the Family Manager
- Design Checks Beyond TOWER

You have the option of bringing your own notebook computer or using a PLS training computer. The latest TOWER version, a hardware key and a training computer will be provided 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. Each attendee will earn 28 Professional Development Hours for this course.

Since this will likely be the only comprehensive TOWER class in 2017, register early to avoid missing this opportunity. Please visit our website at http://www.powline.com/news.html#training for information about other classes.

Cost

The class costs $1600 per person.

More Information

A registration form is on the back of this brochure. Space is limited to the first 44 registrants and we must receive payment in order to reserve your seat.
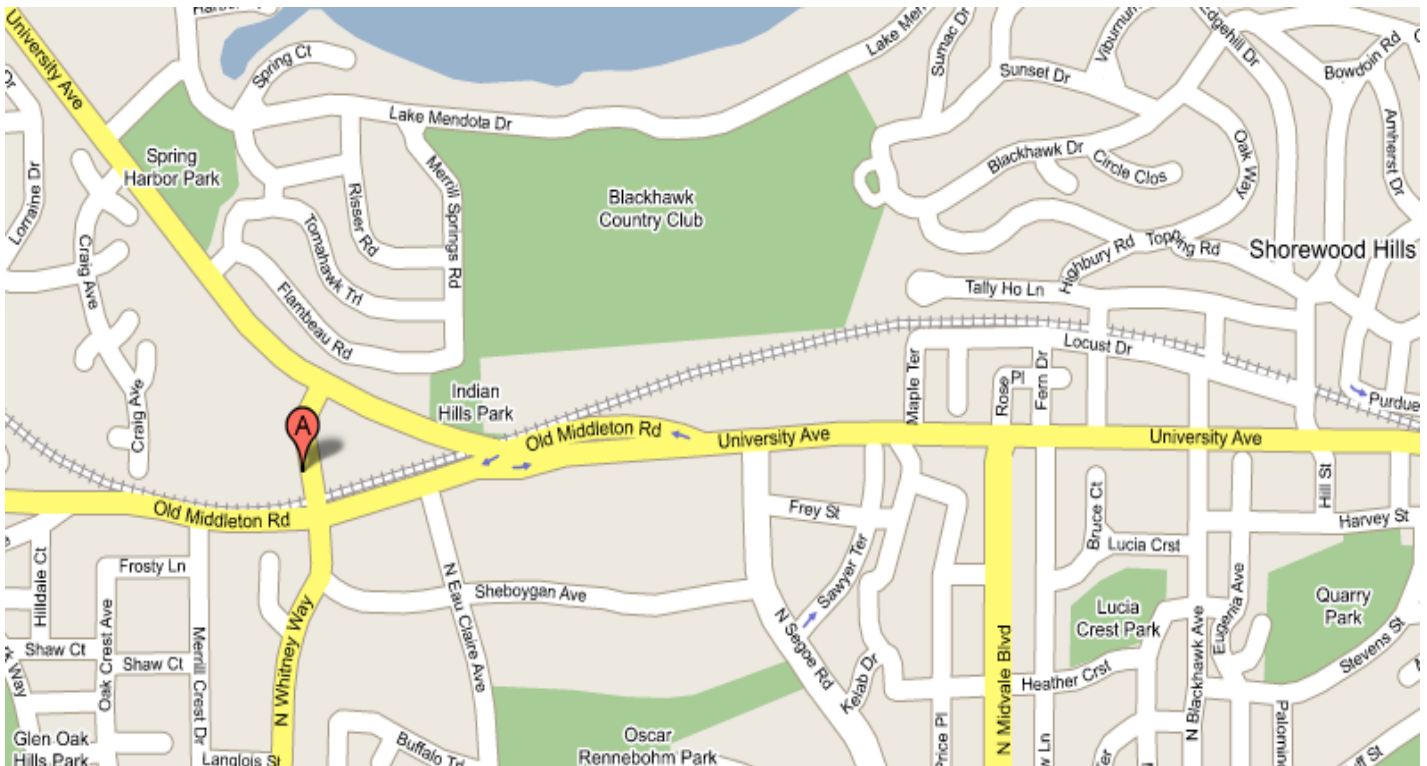
Instructors

The course will be conducted by Power Line Systems personnel and Bob Nickerson. The instructors are members of the ASCE-10 Committee and are extremely proficient with TOWER and it's use in the practical world. Erik Jacobsen, the software developer responsible for TOWER since 1997 will be on hand as well.

Details

The class will be conducted from 8:30 AM to 4:30 PM the first three days, and from 8:30 AM to 12:30 PM on the last day. The class will be held at Power Line Systems corporate headquarters in Madison, Wisconsin (point A in the map below). Lunch will be provided the first three days. Attendees are responsible for all other costs incurred including lodging. Please see http://www.powline.com/visiting.html for a detailed map of Power Line Systems location and listings of area hotels.

Audio or video recording of the class is prohibited.

Class Materials

A PLS training computer will be provided for each attendee, but you may use your own computer if you prefer. In either case, hardware keys and the latest TOWER software will be provided for the duration of the class. If you are bringing your own notebook computer then please have the current version (see http://www.powline.com/current.html) installed on your computer with your key working prior to your departure for Madison. **The initial installation of the hardware key requires administrative privileges which may only be provided by your IT staff.**

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TOWER Class Registration Form

April 18 - 21, 2017 in Madison, Wisconsin, USA

Each attendee must submit a completed 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 class and must be received in order to reserve a seat. Seats are reserved on a first-paid first-reserved basis and are limited to 44 people.

Check No.   _____

I authorize Power Line Systems, Inc. to charge my   __MasterCard   __Visa for the amount of $1600.
Note that Power Line Systems can only accept MasterCard or VISA credit cards. All attendees will be supplied with a computer, the TOWER software and hardware key to use during the class.

Cardholder Name_____   Signature_____

Card No._____   Expiration Date_____

Credit Card Billing Address   _____

(if different than above)   _____

 City   _____   State _____   Zip   _____

Cancellation Policy

Confirmed registrants who do not participate or who cancel after March 18, 2017, will forfeit their entire registration fee. Power Line Systems, Inc. reserves the right to cancel the training session and will refund the entire class registration fee in the unlikely event this happens.