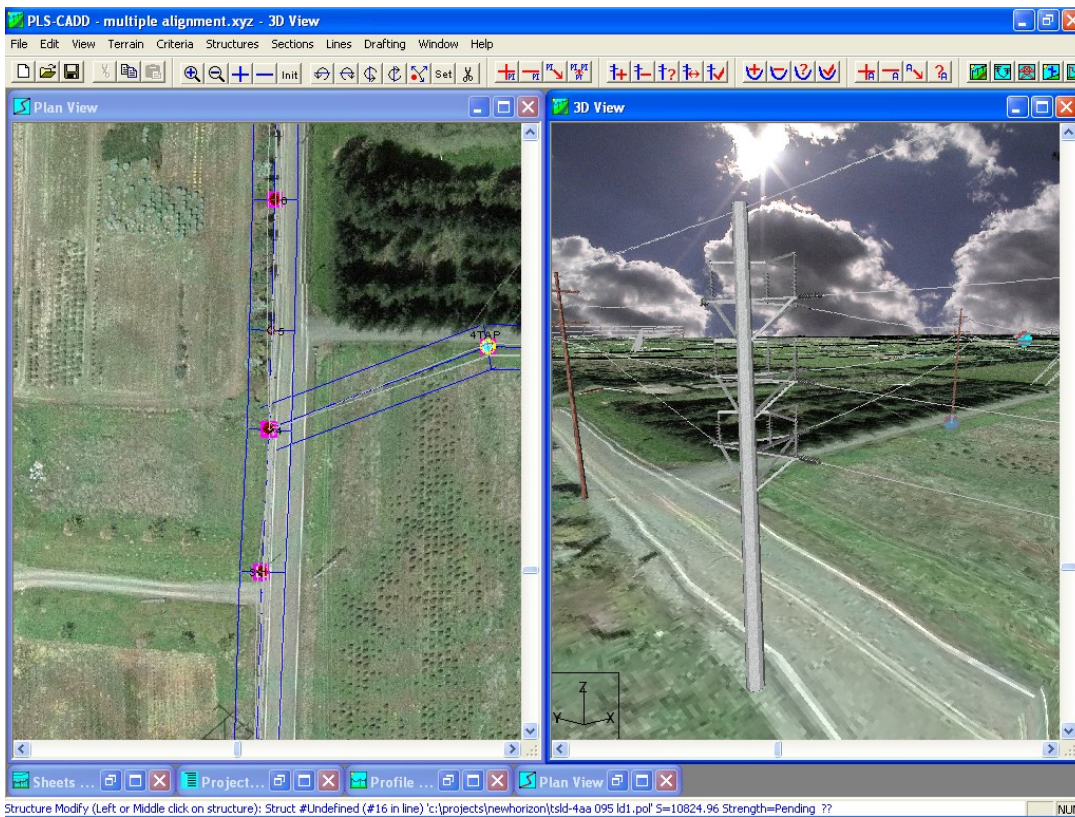


# PLS-CADD Seminar

## Design of Overhead Transmission and Distribution Lines using PLS-CADD



August 11 – 15, 2025

1:00 PM to 5:30 PM Monday  
8:30 AM to 4:30 PM Tues.-Thur.  
8:00 AM to 11:30 AM Friday

at  
Power Line Systems  
5400 King James Way  
Suite 300  
Madison, WI 53719

**POWER LINE**<sup>®</sup>  
S Y S T E M S

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5400 King James Way  
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Phone: (608) 238-2171  
Fax: (608) 238-9241  
<https://www.powerlinesystems.com>

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

PLS-CADD is the industry standard in overhead line design and drafting software. This course will teach the attendee how to use PLS-CADD on a transmission or distribution project from start to finish, including importing survey data, criteria development, structure design, conductor sagging and Plan & Profile drawing development and plotting.

### Topics Covered

- General Overview
- Survey data/Terrain modeling
- Engineering
  - Design criteria
  - Sag-tension calculations
  - Clearance calculations
  - Structure calculations
  - Manual spotting and stringing
  - Automatic spotting
- Generating construction documents: Staking Tables and Plan & Profile Sheets
- PLS-CADD/LITE
- PLS-POLE
- PLS-POLE integration with PLS-CADD
- Transmission Lines
- Distribution Lines
- Use of Finite Element Sag-Tension when Ruling Span is not accurate



### Who Should Attend?

This course is open to all engineers and technicians whose companies currently use PLS-CADD or are considering purchasing it. The attendee should have some basic understanding of overhead line design concepts as the class focuses on the use of the software and not on the fundamentals of line design.

### Cost

The class costs \$2200 per person.

### More Information

A registration form is on the back of this brochure. Seats are limited to the first 30 registrants. We must receive payment and your registration form in order to reserve your seat.

Please see our web site at <https://www.powerlinesystems.com/classes> for other classes.

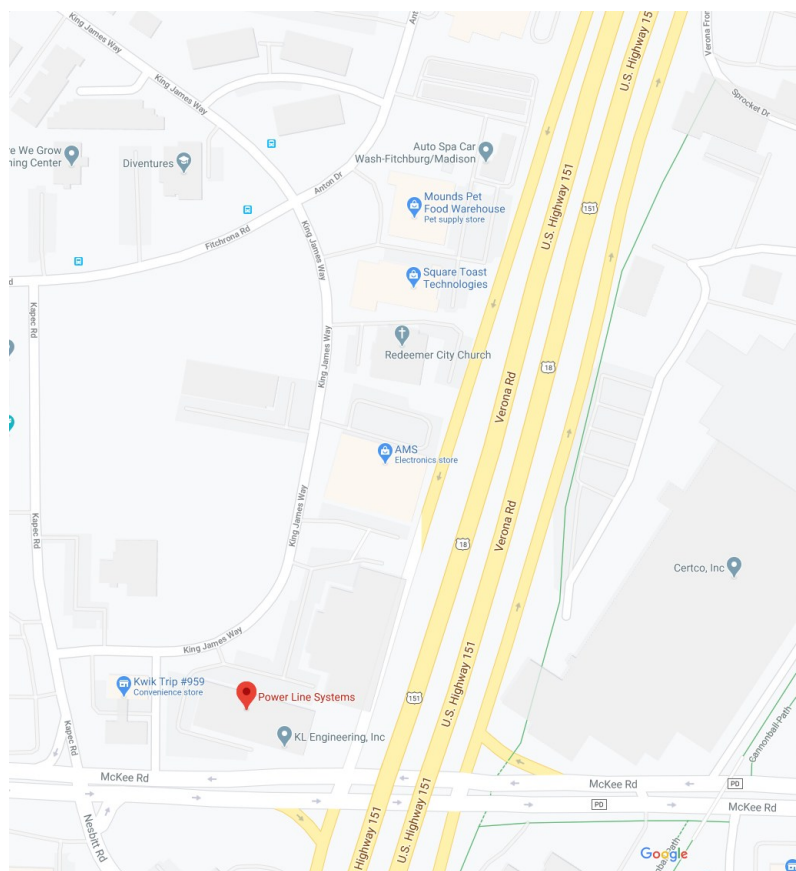


## Instructor

The course will be led by Tim Cashman, P.E., Power Line Systems along with the help of other technical support staff. He has more than 35 years of experience in overhead line design ranging from 69kV through 500kV and using the PLS software suite. Tim is a registered Professional Engineer, is an active member of ASCE and is a member of the ASCE 10 standard committee. In addition to technical support he also performs software testing, participates in the development of new software features, and conducts PLS-CADD and TOWER training courses. He has an extreme in-depth knowledge of the software's functionality and implementation.

## Details

The class will be held from 1:00 PM to 5:30 PM Monday, 8:30AM to 4:30PM Tuesday through Thursday and from 8:00 AM to 11:30 AM on Friday (training room opens 15 minutes before class start each day). The course will be conducted at Power Line Systems headquarters in Madison, Wisconsin (see map below). Lunch will be provided Tuesday through Thursday. Attendees are responsible for all other costs incurred including lodging. Please see <https://www.powline.com/visiting.html> for a detailed map of Power Line Systems location and listings of area hotels.



## Computers and Software Provided

This is a 'hands-on' class where attendees will be learning by actually using PLS-CADD. A computer and the latest PLS-CADD software will be provided by Power Line Systems for each attendee for the duration of the class.

*Any audio or video recording of the class is strictly prohibited.*





5400 King James Way, Suite 300  
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Phone: (608) 238 2171 Fax: (608) 238-9241  
<https://www.powerlinesystems.com>  
[info@powerlinesystems.com](mailto:info@powerlinesystems.com)

### PLS-CADD Seminar Registration Form

August 11 - 15, 2025 in Madison, Wisconsin, USA

*Each attendee must submit a completed form to register – please print.*

*Please **email** completed forms to **marc@powline.com** or call 608-238-2171 to register over the phone.*

#### 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 25 people.

See the Classes page on the PLS website ([www.powerlinesystems.com](http://www.powerlinesystems.com)) for information on making payment.

#### Cancellation Policy

Confirmed registrants who do not participate or who cancel after July 25, 2025, will forfeit their entire registration fee. Power Line Systems reserves the right to cancel the training session and will refund the entire class registration fee in the unlikely event this happens.