

2015 PLS-CADD Advanced Training and User Group

# What's New in PLS-POLE

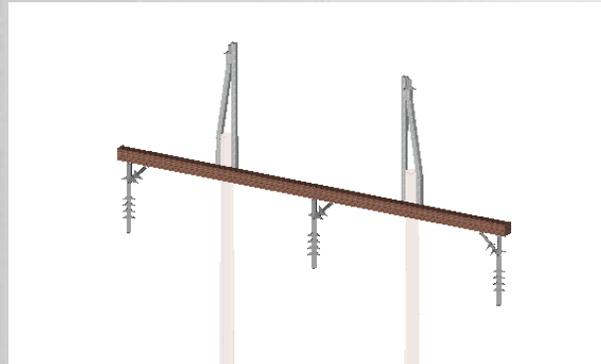
by

Erik Jacobsen

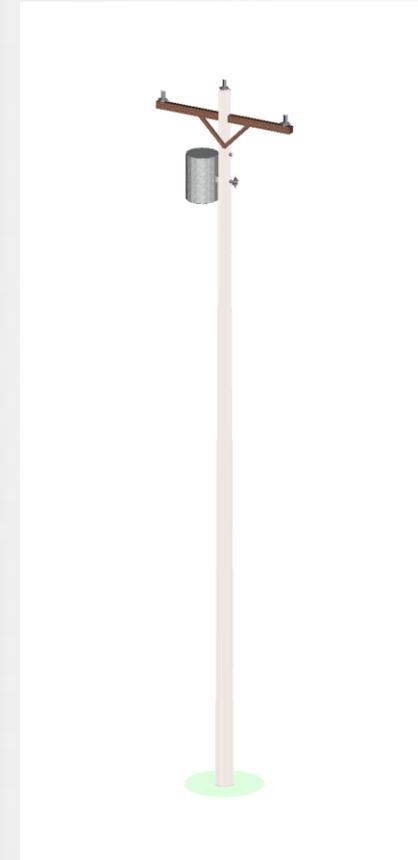
Power Line Systems, Inc.

# Framing – What is it?

- Reusable bundle of elements and insulators
  - Arms, guys, equipment, etc.
  - Insulators
  - PLS-CADD Insulator Link
  - “Everything except the pole”

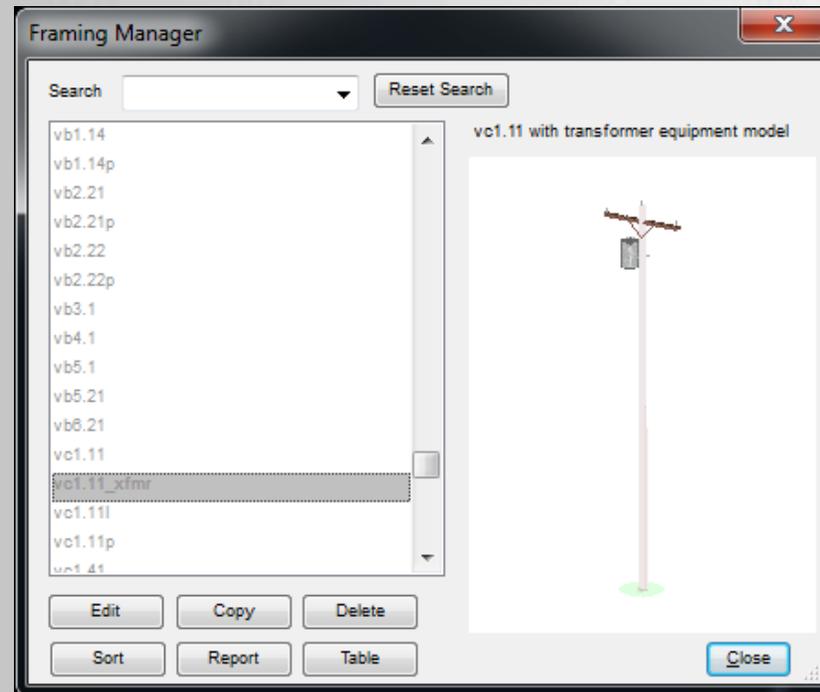


Power Line Systems, Inc.



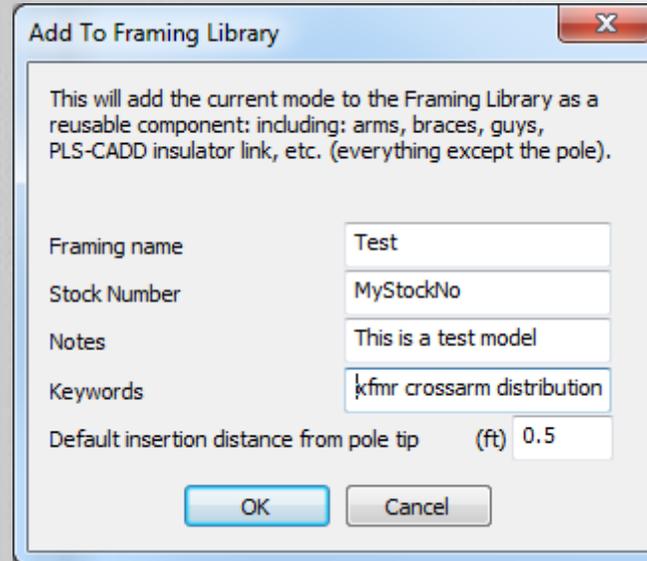
# The Framing Manager

- *Components/Framing/Manager*
  - Create and manage framings



# Create a Framing

- Drag'n'Drop .pol file into Framing Manager
- *Components/Framing/Add Current Model*



The screenshot shows a dialog box titled "Add To Framing Library" with a close button (X) in the top right corner. The dialog contains the following text and fields:

This will add the current mode to the Framing Library as a reusable component: including: arms, braces, guys, PLS-CADD insulator link, etc. (everything except the pole).

Framing name: Test

Stock Number: MyStockNo

Notes: This is a test model

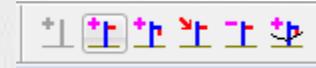
Keywords: kfmr crossarm distribution

Default insertion distance from pole tip (ft): 0.5

Buttons: OK, Cancel

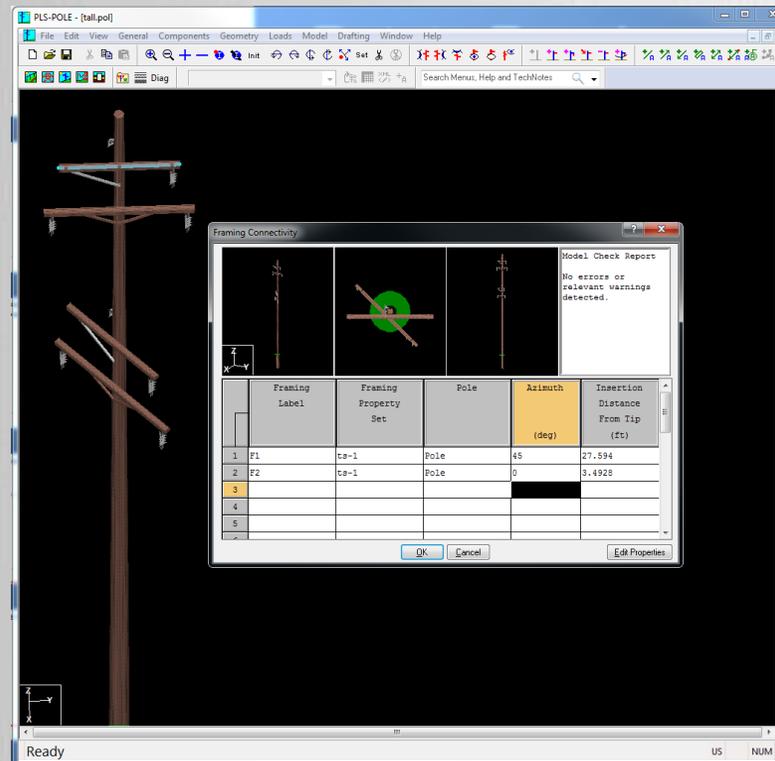
# Add Framing to a Model

- Drag'n'Drop from Framing Manager into the model
- *Geometry/Framing/Add*
- Add Element Toolbar button



# Rotate Framing

- Specify an azimuth angle to rotate the entire Framing around the pole



# Edit Framing Component

- Framing Manager “Edit” button
  - Will impact all uses of this Framing
- *Geometry/Framing/Explode*
  - “Drop element” for uStation folks
  - Any changes only impact this instance

# Framing and Component Libraries

- Framing has “Library Independence”
  - Change to library does not impact Framing
  - Only need .FRM file
- Use *Components/Framing/Update Component Library* to make Framing library reflect changes in a component library

# Framing Wizard

- *File/New/Framing Wizard*
  - 4 clicks to make a full fledged M4 pole model
  - Insulator Link included so ready to spot in PLS-CADD

# Power Line Systems

IT'S ALL ABOUT YOUR POWER LINES

Advanced Sag & Tension IEC FAC 008/009  
NESC Materials Management LiDAR Modeling  
Structural Analysis **PLS-CADD**® CSA  
Pole Analysis CENELEC Distribution  
Transmission NERC Ratings  
Project Estimating **Any Questions?** Line Optimization  
FAC 003 ASCE Joint Use PLS-POLE  
Vegetation Management  
1000+ Users in 100+ Countries Storm Hardening  
IEEE Line Ratings  
**TOWER** Drafting

**POWER LINE**®  
S Y S T E M S · I N C ·  
Madison, Wisconsin 53705, USA  
Phone: 608-238-2171 Fax: 608-238-9241  
info@powline.com www.powline.com

IT'S THE SOLUTION