

Best Overhead Line Software

PLS-CADD, PLS-POLE and TOWER

Power Line Systems' Windows® programs for the design of overhead power lines and their structures are used in more than sixty countries by hundreds of utilities, consultants and fabricators throughout the world. Find out why our software is the technology of choice for four of the worlds five largest utilities as well as the choice of smaller coops and municipal utilities everywhere.

PLS-CADD - Line Design Program

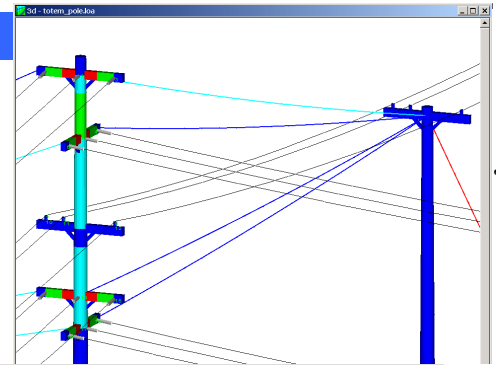
- Integrated terrain modeling and digitizing interface
- Built in sag-tension and IEEE 738 based thermal line rating
- Checks clearances to terrain and other lines
- Works with aerial photography, CAD and GIS base maps
- Line optimization that minimizes structure cost and design time
- Automates plan & profile (P&P)/construction sheet generation
- Database and GIS integration
- Manages materials, equipment and labor
- Generates staking list and stringing charts
- Advanced graphic visualization and CAD export capability
- Switches between English and Metric units on the fly
- And much more, see <http://www.powline.com> for details

PLS-POLE - Wood, Steel, Concrete Poles and Frames

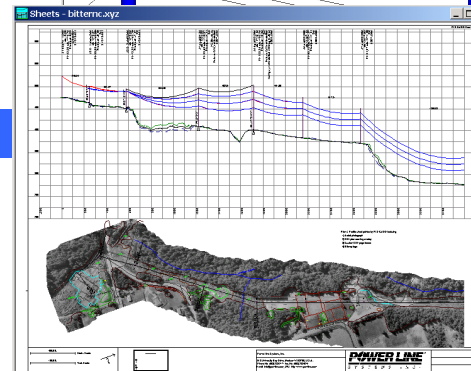
- Linear and nonlinear finite element analysis
- Automatically generates finite element model
- Easy to use, intuitive graphical user interface
- Integrates with PLS-CADD
- Checks NESC, ASCE-72 and EIA/TIA-222 codes
- Checks all components and color codes by % usage
- Calculates allowable wind and weight spans
- Optimizes steel poles and cross braces on frames
- Handles guys, stub poles, span guys, sidewalk struts
- Models hybrid structures that mix wood, steel and concrete
- Switches between English and Metric units on the fly
- And much more, see <http://www.powline.com> for details

TOWER - Latticed Tower Analysis and Design

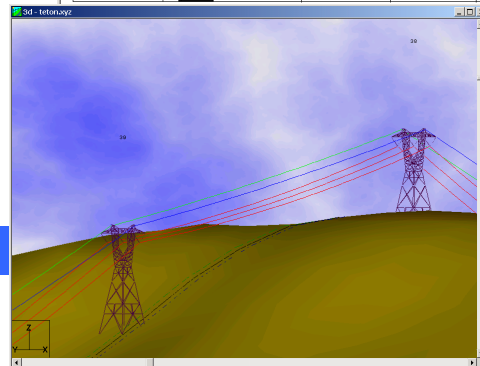
- Linear and nonlinear finite element analysis
- Easy to use, intuitive graphical user interface
- Integrates with PLS-CADD
- ASCE-10, EIA/TIA-222, ECCS, and Euro (CENELEC) codes
- Calculates allowable wind and weight spans
- Member optimization for least cost design
- Easily handles self-supporting and guyed masts
- Specialized support for communications structures
- Switches between English and Metric units on the fly
- And much more, see <http://www.powline.com> for details



Joint-use analysis with PLS-POLE



PLS-CADD Plan & Profile Sheets



PLS-CADD 3D visualization

NEW!
PLS-CADD/LITE
FOR JOINT USE ANALYSIS
SEE WEB SITE FOR DETAILS

Our software scales from the simplest wood pole on your street corner to the largest ultrahigh voltage lattice tower lines in the world. For new lines, thermal rating, uprating, upgrading or joint use projects, find out how our software will increase your capabilities and productivity by getting more information from:

POWER LINE[®]
S Y S T E M S · I N C ·

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