

Pittsburgh PLS-CADD User's Group Agenda

ENGINEERS' SOCIETY OF WESTERN PENNSYLVANIA

Hosted by GAI Consultants, Inc.

	Tuesday April 20th	Wednesday April 21st
8:00 - 8:30	Registration and Mingling	Mingling
8:30 - 10:00	Using Projections and Coordinate Systems with PLS-CADD	Designing Grillages in TOWER
	See how to combine data from multiple datums into PLS-CADD, and see how to import TerraServer Images. Otto Lynch - Power Line Systems, Inc.	See how grillages can be designed in TOWER Enrique Bazan - GAI Consultants, Inc.
		Using LiDAR for Danger Tree Detections Everything you wanted to know about root balls! Eric Peyrot - Power Line Systems, Inc. Dale Kaukonen - GAI Consultants, Inc.
10:00 - 10:15	Break	Break
10:15 - 12:00	Rerating, Reconductoring, and Composite Conductors	Jacksons Ferry - Wyoming 765 kV Project
	See how PLS-CADD can be used to determine ways to get more power through your existing lines. Ryan Bliss - Electrical Consultants, Inc.	Benefits of using PLS-CADD and TOWER for site specific designs. Carl Persing - American Electric Power Steven Weber - Power Lines Systems, Inc.
	Dynamic Stringing Charts	
	A new method will be presented using Finite Element modeling to string conductors on a flexible Otto Lynch - Power Line Systems, Inc.	
12:00 - 1:00	Lunch - Chicken Marsala Provided by Thomas & Betts	Lunch - Virginia Spots Provided by Power Line Systems, Inc.
1:00 - 2:45	Reliability-Based Design of Foundations for Transmission Line Structures	Optimizing Transmission Line Designs
	Why 10% + 2 is NOT the answer! Anthony M. DiGioia, Jr., Ph.D., P.E. GAI Consultants, Inc.	A brief overview of how to set up your optimizations using PLS-POLE/TOWER and PLS-CADD Otto Lynch - Power Line Systems, Inc.
	Crash Course in CAISSON	What's New in PLS-CADD, PLS-POLE, and TOWER
	See how CAISSON is better than 10% + 2! Otto Lynch - Power Line Systems, Inc.	Be the first to know the latest developments! The A Team Power Line Systems, Inc.
2:45 - 3:00	Break	Break
3:00 - 4:30	Multiple Alignments	Survey of Future Improvements and Roundtable Discussion
	See how PLS-CADD can be used to design taps, parallel lines, and branching double circuits lines. Steven Weber - Power Line Systems, Inc. Eric Peyrot - Power Line Systems, Inc.	This is your chance to have the floor! The A Team Power Line Systems, Inc.
	Digitizing Existing P&P Drawings Developing a PLS-CADD Plan & Profile from a scanned archived Plan & Profile Steven Weber - Power Line Systems, Inc.	
4:30 - 6:00	Reception Hosted by Thomas & Betts	Wrap Up and Socializing (Until 5:00)