



2021 ELECTRIC UTILITY TRAINING SEMINARS

Listing by Seminar Titles

Certified Staking Technician Program			
Dates	Location	Sponsoring Organization	Contact Information
Phase I – Surveying, Overhead Structures Design, Joint Use, Unique Structures			
April 27-30	Montgomery, AL	AREA	Linda Partin, (334) 215-2732
June 7-11	Georgetown, TX	TEC	Brooke Robertson, (512) 486-6212
September 13-16	Denver, CO	CREA	Chelsea McIntosh, (303) 455-2700
Surveying Only			
June 21-23	Richland, WA	NWPPA	Gail Patterson, (360) 254-0109
Phase II – Application of the NESC, Easement Acquisition, Permitting, Line Inspection			
April 13-16	St. Matthews, SC	ECSC	Rusty Wannamaker, (803) 739-3060
July 12-16	Georgetown, TX	TEC	Brooke Robertson, (512) 486-6212
October 18-21	Denver, CO	CREA	Chelsea McIntosh, (303) 455-2700
Easement Acquisition Only			
June 24-25	Richland, WA	NWPPA	Gail Patterson, (360) 254-0109
Inspection Only			
January 28-29	Virtual Training	NWPPA	Gail Patterson, (360) 254-0109
2017 National Electrical Safety Code Only			
October 11-13	TBD	NWPPA	Gail Patterson, (360) 254-0109
Permitting Only			
October 14-15	TBD	NWPPA	Gail Patterson, (360) 254-0109
Phase III – Underground Design, Transformers, Basic Sectionalizing, Contracts			
October 4-8	Georgetown, TX	TEC	Brooke Robertson, (512) 486-6212
November 1-4	Denver, CO	CREA	Chelsea McIntosh, (303) 455-2700
Basic Sectionalizing Only			
January 27-28	Virtual Training	NWPPA	Gail Patterson, (360) 254-0109
Underground Only			
January 25-27	Virtual Training	NWPPA	Gail Patterson, (360) 254-0109
STAND ALONE COURSES			
Basic Electric Distribution Systems Explained			
August 4-5	Montgomery, AL	AREA	Linda Partin, (334) 215-2732
Introduction to Staking for Line Personnel			
June 15-17	Indiana Statewide Assn.	Indianapolis, IN	IN Apprentice School Only



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WEBINARS

January 12	Fundamentals of Guys and Anchors	<p style="text-align: center;">To Register</p> <p style="text-align: center;">Contact Rachael Harms Phone: (334) 887-3297 E-mail: rachael.harms@gdsassociates.com</p>
February 9	Unique Guying Applications	
March 9	2017 NESC Clearances from Buildings	
April 13	2017 NESC Grounding Requirements	
May 11	Connecting Residential Solar and Batteries to the Grid	
June 15	Product Review of Three-Phase Pad-Mounted Switchgear	
July 13	How to Place Capacitors on a Distribution System	
August 10	NESC Clearances on Poles	
September 14	Applications and Coordination of Overhead Fuses	
October 12	Multi-Circuit Design Considerations	
November 9	Methods for Improving Reliability	
December 7	Motor Starting	

ABOUT HI-LINE ENGINEERING

Hi-Line Engineering specializes in providing engineering consulting services to electric utilities. The firm is a wholly owned subsidiary of GDS Associates, Inc.

Hi-Line's mission is to provide quality **energy delivery consulting** services at rates conducive to the demands of the deregulated marketplace. We specialize in safe, reliable, and *efficient* planning, design, and contract administration.

Our staff exhibits diverse experience in the planning, design, operation, and maintenance of electric distribution systems. We have designed hundreds of miles of distribution line in all types of terrain and loading conditions. Many of these projects included contract administration and right-of-way acquisition. Our planning services include experience in a variety of environments consisting of dense urban, resort beach, rural agricultural, and sparsely populated areas. Hi-Line has prepared planning studies for rural electric cooperatives, municipalities, and military bases.

Training Seminars

Hi-Line Engineering has provided training seminars for engineers and line personnel for over twenty years. Our team of instructors has the education and practical experience to teach both the theory and application perspectives of line design. They have conducted more than 1,000 seminars in areas ranging from the Caribbean to Alaska. Over 9,000 students including engineers, staking technicians, and linemen have attended Hi-Line's training courses. The Certified Staking Technician program has approximately 5,000 participants nationwide.

For more information, or to schedule a seminar for your organization, please contact **Rachael Harms** at **(334) 887-3297** or rachael.harms@gdsassociates.com