



2022 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			
Sept. 12-15	Kearney, NE	NREA	Larry Oetken, (402) 640-1689
October 11-14	Montgomery, AL	AREA	Linda Partin, (334) 215-2732
October 18-21	TBD	KAEC	Kelli Gibson, (502) 815-6368
Unique Structures Only			
October 21	Boise, ID	NWPPA	Yara Amberson, (360) 816-1445
Phase II – Application of the NESC, Easement Acquisition, Permitting, Line Inspection			
September 13-16	Indianapolis, IN	Indiana EC	Connie Sparks, (317) 487- 2262
Line Inspection Only			
October 19	Boise, ID	NWPPA	Gail Patterson, (360) 254-0109
Phase III – Underground Design, Transformers, Basic Sectionalizing, Contracts			
Sept. 12-16	Columbia, MS	ECM	Gerald Gordon, (601) 605-8600
October 3-7	Georgetown, TX	TEC	Brooke Robertson, (512) 486-6212
October 25-28	Lancaster, OH	SCPC	Tami Wilson, wilson@southcentralpower.com
Basic Sectionalizing Only			
October 18	Boise, ID	NWPPA	Gail Patterson, (360) 254-0109
Transformers Only			
October 20	Boise, ID	NWPPA	Gail Patterson, (360) 254-0109
STAND ALONE COURSES			
2023 NESC Updates			
September 20	Lexington, KY	KAEC	Kelli Gibson, (502) 815-6368
September 27	Johnson City, TX	TEC	Brooke Robertson, (512) 486-6212
September 29	Cortez, CO	CREA	Julie Baker, (303) 455-2700 Ext 700
October 4	Montgomery, AL	AREA	Linda Partin, (334) 215-2732
October 11	TBD	NWPPA	Gail Patterson, (360) 254-0109
October 27	Glenwood Springs, CO	CREA	Julie Baker, (303) 455-2700 Ext 700
November 1	Georgetown, TX	TEC	Brooke Robertson, (512) 486-6212
November 7	TBD	NWPPA	Gail Patterson, (360) 254-0109
November 17	Fort Collins, CO	CREA	Julie Baker, (303) 455-2700 Ext 700



Application and Use of the 2023 NESC			
Sept. 21-23	Lexington, KY	KAEC	Kelli Gibson, (502) 815-6368
October 5-7	Montgomery, AL	AREA	Linda Partin, (334) 215-2732
October 12-14	TBD	NWPPA	Gail Patterson, (360) 254-0109
October 24-26	Glenwood Springs, CO	CREA	Julie Baker, (303) 455-2700 Ext 700
Oct. 31-Nov. 1	Anchorage, AK	NWPPA	Gail Patterson, (360) 254-0109
November 2-4	Georgetown, TX	TEC	Brooke Robertson, (512) 486-6212
November 8-10	TBD	NWPPA	Gail Patterson, (360) 254-0109
ArcFlash			
Oct. 31-Nov. 1	Anchorage, AK	NWPPA	Gail Patterson, (360) 254-0109
November 29-30	Spokane, WA	NWPPA	Gail Patterson, (360) 254-0109
Basic Electric Distribution Systems Explained			
September 7-8	Montgomery, AL	AREA	Linda Partin, (334) 215-2732
Make Ready Considerations for Fiber			
Oct. 31-Nov. 1	Anchorage, AK	NWPPA	Gail Patterson, (360) 254-0109
November 8-9	Montrose, CO	CREA	Julie Baker, (303) 455-2700 Ext 700
December 6-7	TBD	NWPPA	Gail Patterson, (360) 254-0109
Regulators, Reclosers, and Transformer Banking			
Sept. 27-28	Cortez, CO	CREA	Julie Baker, (303) 455-2700 Ext 700
November 15-16	Fort Collins, CO	CREA	Julie Baker, (303) 455-2700 Ext 700
Engineering Fundamentals C			
November 9-10	Georgetown, TX	TEC	Brooke Robertson, (512) 486-6212
December 6-7	TBD	NWPPA	Gail Patterson, (360) 254-0109



2022 WEBINARS		
Dates	Webinar Topic	Registration Information
January 11	Specifying and Placing Lightning Arresters	<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 8	Overhead to Underground Conversion	
March 8	Aging Infrastructure: Plan of Action	
April 12	Advanced Car Chargers	
May 10	Electric Service for the Electric Vehicle Fleet	
June 21	Interconnecting Battery and Solar Power Systems	
July 19	2023 NESC Sneak Peek	
August 9	The Do's and Don'ts of Easement Acquisition	
September 13	Stray Voltage and Swimming Pools	
October 11	Understanding Micro Grids	
November 15	Pole Buckling Prevention	
December 13	Strength of Pole Top Assemblies	



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Phase I – Surveying, Overhead Structures Design, Joint Use, Unique Structures			
April 17-21	TBD	NWPPA	Gail Patterson, (360) 254-0109
Surveying Only			
February 6-8	TBD	NWPPA	Gail Patterson, (360) 254-0109
Joint Use Only			
October 17	TBD	NWPPA	Gail Patterson, (360) 254-0109
Overhead Structures Design Only			
October 18-20	TBD	NWPPA	Gail Patterson, (360) 254-0109
Phase II – Application of the NESC, Easement Acquisition, Permitting, Line Inspection			
March 20-24	Kearney, NE	NREA	Larry Oetken, (402) 640-1689
Easements Only			
February 9-10	TBD	NWPPA	Gail Patterson, (360) 254-0109
Permitting Only			
June 8-9	TBD	NWPPA	Gail Patterson, (360) 254-0109
Phase III – Underground Design, Transformers, Basic Sectionalizing, Contracts			
March 14-17	Indianapolis, IN	Indiana EC	Connie Sparks, (317) 487- 2262
Sept. 11-14	Kearney, NE	NREA	Larry Oetken, (402) 640-1689
Contracts Only			
October 16	TBD	NWPPA	Gail Patterson, (360) 254-0109
STAND ALONE COURSES			
Application and Use of the 2023 NESC			
June 5-7	TBD	NWPPA	Gail Patterson, (360) 254-0109



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