



2024 ELECTRIC UTILITY TRAINING SEMINARS

Listing by Seminar Titles

Certified Staking Technician Program			
Dates	Location	Sponsoring Organization	Registration Information
Phase I – Surveying, Overhead Structures Design, Joint Use, Unique Structures			
February 5-8	Foley, AL	Riviera Utilities	Click Here
February 5-8	Denver, CO	CREA	Click Here
February 19-23	Georgetown, TX	TEC	Click Here
March 12-15	Nicholasville, KY	Kentucky EC	Click Here
March 26-29	Montgomery, AL	AREA	Click Here
April 23-26	Franklin, IN	Indiana EC	Click Here
September 10-13	Lancaster, OH	South Central Power	Click Here
September 24-27	Benson, AZ	GCSECA	Click Here
Surveying Only			
June 3-5	Missoula, MT	NWPPA	Click Here
Phase II – Application of the NESC, Easement Acquisition, Permitting, Line Inspection			
February 20-23	Des Moines, IA	Iowa AEC	Click Here
February 26-29	Denver, CO	CREA	Click Here
March 5-8	Kalispell, MT	NWPPA	Click Here
March 11-15	Georgetown, TX	TEC	Click Here
April 16-19	Lexington, SC	EC of SC	Click Here
April 22-26	Ridgeland, MS	ECM	Click Here
May 20-24	Georgetown, TX	TEC	Click Here
June 18-21	TBD, IN	Indiana EC	Click Here
July 23-26	TBD, KY	Kentucky EC	Click Here
October 8-11	Montgomery, AL	AREA	Click Here
Application of the NESC Only			
September 30- October 2	TBD	NWPPA	Click Here
Easement Only			
June 6-7	Missoula, MT	NWPPA	Click Here
Line Inspection Only			
February 15-16	Boise, ID	NWPPA	Click Here



Dates	Location	Sponsoring Organization	Registration Information
Permitting Only			
October 3-4	TBD	NWPPA	Click Here
Phase III – Underground Design, Transformers, Basic Sectionalizing, Contracts			
March 18-21	Denver, CO	CREA	Click Here
July 15-19	Georgetown, TX	TEC	Click Here
September 10-13	TBD, IN	Indiana EC	Click Here
September 16-20	Ridgeland, MS	ECM	Click Here
September 17-20	Des Moines, IA	Iowa AEC	Click Here
October 28 - November 1	Georgetown, TX	TEC	Click Here
Basic Sectionalizing Only			
February 14-15	Boise, ID	NWPPA	Click Here
Underground Design Only			
February 12-14	Boise, ID	NWPPA	Click Here
STAND ALONE COURSES			
Basic Electric Distribution System			
Sept. 24-25	Montgomery, AL	AREA	Click Here
October 21-22	Pahrump, NV	Valley EA	Click Here
Engineering Fundamentals A			
July 29-31	TBD	NWPPA	Click Here
October 14-16	Montgomery, AL	AREA	Click Here
Engineering Fundamentals B			
July 31- Aug. 2	TBD	NWPPA	Click Here
October 16-18	Montgomery, AL	AREA	Click Here
Engineering Fundamentals C			
March 19-20	Idaho Falls, ID	NWPPA	Click Here
June 5-6	Ridgeland, MS	ECM	Click Here
Interconnection of Residential Solar & BESS			
June 25	Vancouver, WA	NWPPA	Click Here
August 13	Baker City, OR	NWPPA	Click Here
Make-Ready for Fiber			
October 24-25	Pahrump, NV	Valley EA	Click Here



Dates	Location	Sponsoring Organization	Registration Information
NESC for Communications			
February 9 (morning and afternoon session)	Foley, AL	Riviera Utilities	Click Here
NESC for Operations			
January 15	Kiln, MS	Coast EPA	Click Here
NESC Updates			
October 23	Pahrump, NV	Valley EA	Click Here
Overhead Design with NESC Clearances			
July 30- August 1	Rio Rancho, NM	NMRCEA	Click Here
Regulators, Reclosers and Transformer Banking			
July 9-10	Montgomery, AL	AREA	Click Here
Staking for Linemen			
June 12-14	TBD, IN	Indiana EC	Click Here

2024 WEBINARS		
Dates	Webinar Topic	Registration Information
January 9	Impacts of Electric Vehicles	<p>To Register</p> <p>Contact Rachael Harms Phone: (334) 887-3297 E-mail: rachael.harms@gdsassociates.com</p>
February 13	Basics of Distribution System Planning	
March 12	NESC Grounding Requirements	
April 9	Fundamentals of Guys and Anchors for Overhead Distribution Lines	
May 14	Overview of Arc Flash	
June 11	Single Phase Metering	
July 9	Three Phase Metering	
August 13	High Impedance Fault Detection	
September 10	Application of Voltage Regulators	
October 8	Application and Use of Ductile Iron Poles	
November 12	Designing Extra-Long Spans	
December 10	Separable Connectors Used in Underground Distribution	



2024 ELECTRIC VEHICLE WEBINARS

Dates	Webinar Topic	Registration Information
January 23	Introduction to Electric Vehicles	<p>To Register</p> <p>Contact Rachael Harms Phone: (334) 887-3297 E-mail: rachael.harms@gdsassociates.com</p>
February 6	Charging Profiles	
February 27	Projecting Electric Vehicles Loads in the Future	
March 26	Electric Vehicles Impacts to the Distribution Grid	
April 16	Retail Rate Strategies for Electric Vehicles Loads	
May 21	Loading Management- Part One	
June 4	Loading Management- Part Two	



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 educational 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