



2020 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 | | | |
| March 9-13 | Bullhead City, AZ | GCSECA | Hannah Capozzi, (602) 286-6925 |
| March 23-27 | Georgetown, TX | TEC | Brooke Robinson, (512) 486-6212 |
| September 21-25 | Meridian, MS | ECM | Jo Anna Adcock, (601) 605-8600 |
| Surveying Only | | | |
| November 2-4 | Tacoma, WA | NWPPA | Gail Patterson, (360) 254-0109 |
| Joint Use Only | | | |
| February 11 | Portland, OR | NWPPA | Gail Patterson, (360) 254-0109 |
| Overhead Structures Design Only | | | |
| February 12-14 | Portland, OR | NWPPA | Gail Patterson, (360) 254-0109 |
| Phase II – Application of the NESC, Easement Acquisition, Permitting, Line Inspection | | | |
| February 3-6 | Denver, CO | CREA | Chelsea McIntosh, (303) 455-2700 |
| April 21-24 | To Be Announced | Electric Cooperatives of SC | Rusty Wannamaker, (803) 331-8170 |
| April 28- May 1 | Montgomery, AL | AREA | Linda Partin, (334) 215-2732 |
| July 13-17 | Georgetown, TX | TEC | Brooke Robinson, (512) 486-6212 |
| Easement Acquisition Only | | | |
| November 5-6 | Tacoma, WA | NWPPA | Gail Patterson, (360) 254-0109 |
| Inspection Only | | | |
| June 11-12 | Boise, ID | NWPPA | Gail Patterson, (360) 254-0109 |
| Phase III – Underground Design, Transformers, Basic Sectionalizing, Contracts | | | |
| January 14-17 | Greenwell Springs, LA | DEMCO | In-House Only |
| January 27-30 | Keystone Heights, FL | Clay Electric | In-House Only |
| February 3-6 | Greenwell Springs, LA | DEMCO | In-House Only |
| March 16-19 | Denver, CO | CREA | Chelsea McIntosh, (303) 455-2700 Ext:700 |
| April 6-9 | Springfield, IL | AIEC | Ambyr Crawford, (217) 241-7928 |
| May 11-15 | Laurel, MS | ECM | Jo Anna Adcock, (601) 605-8600 |
| September 15-18 | Montgomery, AL | AREA | Linda Partin, (334) 215-2732 |
| October 5-9 | Georgetown, TX | TEC | Brooke Robinson, (512) 486-6212 |
| November 30-December 4 | Anchorage, AK | NWPPA | Gail Patterson, (360) 254-0109 |



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Listing by Seminar Titles- *Continued*

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|---|---------------------------|-------------------------|------------------------------------|
| Phase III – Underground Design, Transformers, Basic Sectionalizing, Contracts <i>Continued</i> | | | |
| Basic Sectionalizing Only | | | |
| June 10-11 | Boise, ID | NWPPA | Gail Patterson, (360) 254-0109 |
| Contracts Only | | | |
| February 10 | Portland, OR | NWPPA | Gail Patterson, (360) 254-0109 |
| Underground Only | | | |
| June 8-10 | Boise, ID | NWPPA | Gail Patterson, (360) 254-0109 |
| FUNDAMENTALS OF UTILITY ENGINEERING | | | |
| Module C – Short Circuit Analysis and System Protection | | | |
| February 4-6 | Ridgeland, MS | ECM | JoAnna Adcock, (601) 605-8600 |
| STAND ALONE COURSES | | | |
| Application and Use of the 2017 NESC | | | |
| February 18-20 | Ridgeland, MS | ECM | Jo Anna Adcock, (601) 605-8600 |
| March 3-4 | Shelton, WA | NWPPA | Mason County PUD #3, In-House Only |
| 2017 NESC for Operations Personnel | | | |
| May 5-8 | Kiln, MS | Coast EPA | In-House Only |
| Basic Electric Distribution Systems Explained | | | |
| August 5-6 | Montgomery, AL | AREA | Linda Partin, (334) 215-2732 |
| Designing Underground for Subdivisions | | | |
| June 16-18 | Georgetown, TX | TEC | Brooke Robinson, (512) 486-6212 |
| Introduction to Distribution Equipment | | | |
| June 15-17 | Trident Technical College | Berkley Electric Coop. | In-House Only |
| Overhead Distribution Design with 2017 NESC Clearances | | | |
| April 14-16 | Rio Rancho, New Mexico | NMRECA | Eric Segovia, 575-356-4491 |
| Practical Application of Design Principles | | | |
| October 20-23 | Montgomery, AL | AREA | Linda Partin, (334) 215-2732 |



2020 ELECTRIC UTILITY TRAINING SEMINARS

| WEBINARS | |
|--------------|---|
| January 7 | Utility Easements – Rights and Obligations |
| February 4 | Understanding Wire Slap |
| March 10 | Separable Connectors in Underground Systems |
| April 14 | Designing Roadway Illumination |
| May 12 | Designing Poles near Airports |
| June 9 | Designing Secondary and Services |
| July 7 | Load Balancing on Wye Systems |
| August 11 | Pole Foundations |
| September 15 | Comparison of Wood and Non-Wood Crossarms |
| October 13 | Conservation Potential Assessments |
| November 10 | Reducing Animal Caused Outages |
| December 8 | Storm Hardening – Best Practices |

To Register

Contact Rachael Harms
 Phone: (334) 887-3297
 E-mail:
rachael.harms@gdsassociates.com

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, municipals, 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