



Line Design and Staking Certification Program Level II

October 19 - 21, 2010 • Orlando, Florida • 9:00 am - 4:00 pm

Workshop overview

In this Level 2 workshop participants build on the foundation created in Level I. Level II study is designed to accommodate technicians with a minimum of one year of line design experience. Level 1 certification is recommended before entering the Level II program. After completion of this course, participants will be able to complete the layout and design of most overhead and underground projects, understand and utilize NESC and other design criteria, evaluate and design joint use facilities, and calculate the mechanical loading effects of line design

Other topics of this level of study include:

- Intermediate NESC requirements, including underground
- Design standards and criteria
- Multi-phase pole line design
- Basic underground line design
- Permitting requirements
- Underground transformer setup and loading
- Joint use considerations
- Use of advanced power system components

Who should attend?

Engineer Technicians, Engineers, Stakers, Journeymen Linemen, Line Construction personnel, Design Engineers

Registration fee (Includes lunches)

\$1,200 per person for FMEA utility and associate members

\$1,300 per person for non-members

Instructor

Mike Cowart, Manager of Training, Power Delivery Associates, Inc, Clemson, South Carolina

Cancellation policy

Cancellations after October 2 will be charged 25% of the registration fee. No shows will be charged 50% of the registration fee.

Questions

Contact **Cheryl Anderson**, Director of Training and Member Services at **(850) 251-5465**.

Workshop location

Orlando Utilities Commission
Gardenia Office Building
3800 Gardenia Avenue
Orlando, FL 32839
(407) 423-9100

Hotel location

The Florida Hotel & Conference Center
1500 Sand Lake Road
Orlando, FL 32822
Phone: (407) 859-1500
Room Rate: \$108.00 (ask for the FMPA rate)



Florida Municipal Electric Association — Utility Training Institute
Line Design and Staking Certification Program Level II
 October 19 - 21, 2010 • Orlando, Florida • 9:00 am - 4:00 pm

Workshop registration form

Please complete the following registration form and either fax or e-mail it to FMEA. Duplicate and complete this form for each person attending.

Please check the correct category:

Municipal Utility Associate Member Electric Cooperative Investor-owned Utility Non-member

Full name _____ Nickname for badge _____

Title _____

Utility/Company _____

Address _____ City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____ Cell (____) _____

E-mail (Required for Confirmation) _____

Payment information: \$1,200 for FMEA members
 \$1,300 for non-members

Check enclosed for \$ _____ *Please make checks payable to FMEA.*

Charge my: Visa Mastercard AMEX Bill me (**FMEA utilities only**) in the amount of _____

Cardholder name _____

Card number _____ Exp. date _____ CCV Code _____

Cardholder _____ signature _____

FAX COMPLETED FORM TO FMEA AT: (850) 224-2831 or (850) 222-0358

Cancellations after October 2 will be charged 25% of the registration fee. No shows will be charged 50% of the registration fee.

FMEA, P.O. Box 10114, Tallahassee, FL 32302-2114
 Tel: (850) 224-3314 Fax: (850) 224-2831 E-mail: fmea@publicpower.com
 www.publicpower.com

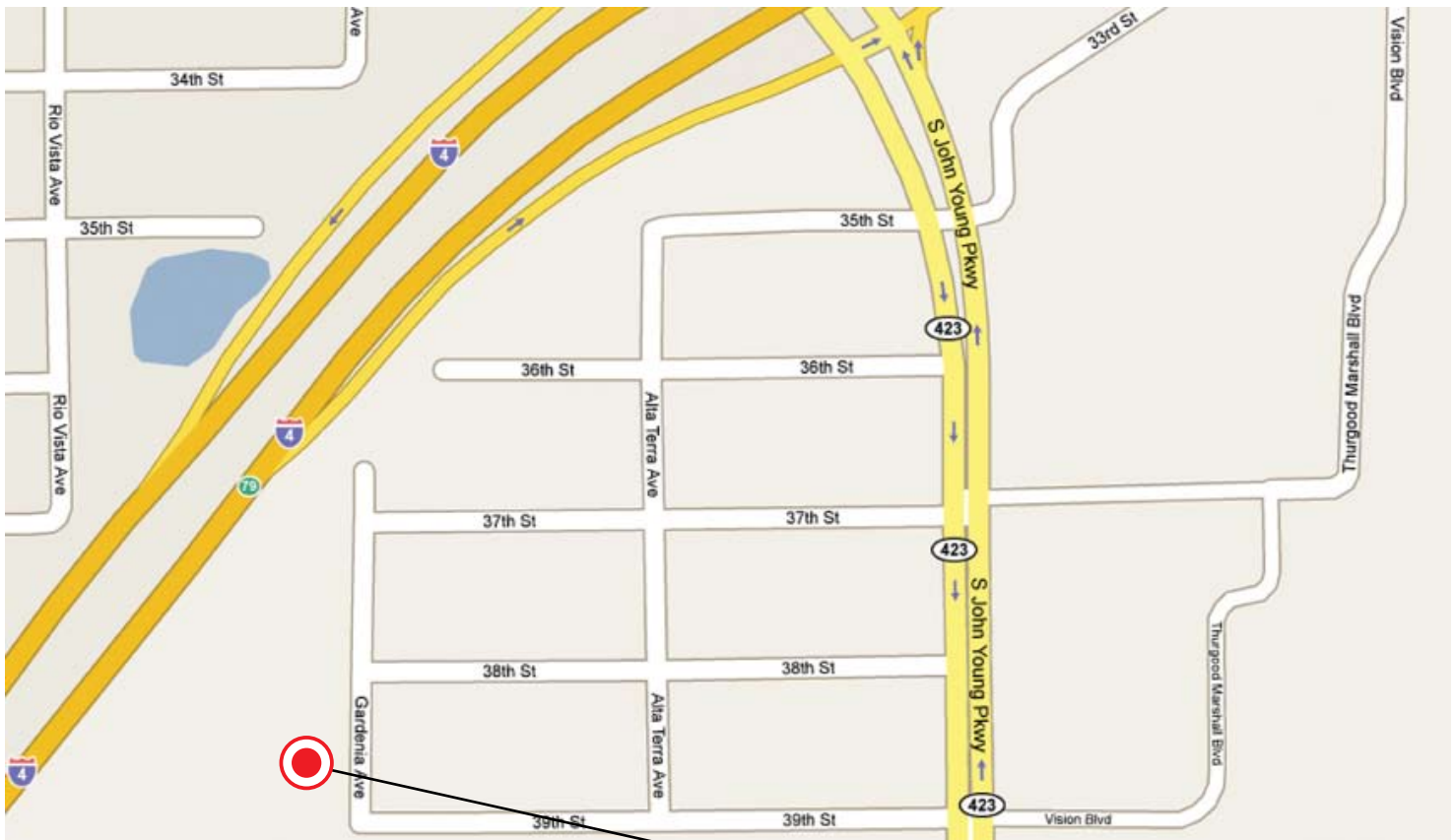
For over 65 years, the Florida Municipal Electric Association has supported and strengthened Florida's community-owned municipal utilities, their 6,000 employees, and the 3 million Floridians they serve. FMEA's Utility Training Institute offers statewide training and certification programs for Florida's municipal electric utilities, electric cooperatives and investor-owned utilities.



Florida Municipal Electric Association — Utility Training Institute

Line Design and Staking Certification Program Level II

October 19 - 21, 2010 • Orlando, Florida • 9:00 am - 4:00 pm



Orlando Utilities Commission
Gardenia Building
3800 Gardenia Avenue
Orlando, FL 33839

Hotel Address:

The Florida Hotel & Conference Center
at the Florida Mall
1500 Sand Lake Road
Orlando, FL 32822
Phone: (407) 859-1500

For Assistance Contact:

Cheryl Anderson (850) 251-5465
FMEA Director of Training & Member Services
OUC Gardenia Building (407) 423-9018
FMEA Office (850) 224-3314



Line Design and Staking Certification Program Level II

October 19 - 21, 2010 • Orlando, Florida • 9:00 am - 4:00 pm

From the North (via I-75)

- I-75 South toward Tampa
- Take exit 328 on the left for Florida's Turnpike South toward Orlando 0.7 mi
- Merge onto Florida's Turnpike/Ronald Reagan Turnpike/SR-91 *Toll road* 48.3 mi
- Take exit 259 to merge onto I-4 East toward Downtown/Orlando *Partial toll road* 3.1 mi
- Take exit 79 for John Young Pkwy/SR-423 0.3 mi
- Turn right at South John Young Pkwy/SR-423 South
(signs for John Young Pkwy/SR-423 South) 0.3 mi
- Turn right at 39th St. 0.3 mi
- 39th St. turns right and becomes Gardenia Ave. 167 ft

From the North (via I-95)

- I-95 South toward Daytona Beach
- Take exit 260B to merge onto I-4 West toward Orlando 53.0 mi
- Take exit 79 to merge onto South John Young Pkwy/SR-423 South 1.3 mi
- Turn right at 39th St. 0.3 mi
- 39th St. turns right and becomes Gardenia Ave. 167 ft

From the South (Miami)

- Head southeast on SW 152nd Ave/Kingman Hwy. toward Towne Centre Blvd. 0.2 mi
- Make a U-turn at Towne Centre Blvd. Continue to follow SW 152nd Ave. 1.7 mi
- Turn left at SW 312th St/NE 8th St/Campbell Dr. 0.1 mi
- Turn left to merge onto Florida's Turnpike North *Partial toll road* 257 mi
- Take exit 259 to merge onto I-4 East toward Downtown/Orlando 2.8 mi
- Take exit 79 for John Young Pkwy/SR-423 0.3 mi
- Turn right at South John Young Pkwy/SR-423 S (signs for John Young
Pkwy/SR-423 South) 0.3 mi
- Turn right at 39th St. 0.3 mi
- 39th St. turns right and becomes Gardenia Ave. 167 ft

From the South (via I-75)

- I-75 North via the ramp to Tampa
- Take exit 261 to merge onto I-4 East toward Orlando 70.5 mi
- Take exit 79 for John Young Pkwy/SR-423 0.3 mi
- Turn right at South John Young Pkwy/SR-423 S (signs for John Young
Pkwy/SR-423 South) 0.3 mi
- Turn right at 39th St. 0.3 mi
- 39th St. turns right and becomes Gardenia Ave. 167 ft