



## 87th Annual NC Electric Meter School and Grid Technology Conference

June 24-28, 2018

Embassy Suites  
Kingston Plantation,  
Myrtle Beach, SC

# Register Today for One of the Best-Attended Electric Meter Schools!

## You'll Benefit from Comprehensive Coverage of These and Other Critical Topics in the Seven Tracks

**Single Phase** – The single phase track is designed for the entry-level person. Classes will provide a basis for understanding metering principles and power, and complement your metering skills gained on the job. Sessions offered cover overviews of a power system, basic math, AC/DC theory and meter testing safety.

**Polyphase** – The polyphase track is designed to provide you with an overview of basic information needed to understand polyphase metering. This track covers selection, installation, and maintenance of polyphase meters, and provides training on programming polyphase meters. You also will receive training in the selection, use, and maintenance of current and voltage transformers.

**Advanced** – The advanced track includes topics on complex metering theory and concepts, high-end metering applications, power quality, remote metering communication methods, and other advanced metering applications, tools, and equipment.

**Management** – The management track provides information about the newest technologies, current industry trends, day-to-day operational issues, and updates on new technology implementation projects. This track is ideal for professionals and managers.

**Basic Substation & Distribution Principles** – This track is designed to provide entry-level knowledge of substations and distribution systems. It is ideal for substation personnel with less than 2 years' experience or meter technicians who work occasionally in substations. Classes cover the fundamentals of substation construction, proper grounding, electrical layout, and the purpose for typical equipment in a substation. Examples include: safety, station power transformers, batteries, circuit breakers, capacitors, switches, voltage regulators, basic communications, metering, and other miscellaneous components found in most substations. Classes are also offered to cover distribution system operation and the various types of equipment used.

**Advanced Substation & Distribution Concepts** – This track is geared towards experienced substation and meter technicians as well as supervisors and managers who maintain, repair, and/or oversee the daily operation of substations. Classes cover advanced calibration, maintenance and repair of station equipment, and troubleshooting techniques of station components. Included are classes on remote communication controls, SCADA, grounding, oil testing, welding, relays, voltage reduction, security protocols, lightning protection, IEEE and OSHA requirements.

**Emerging Technologies** – To incorporate new trends in our industry, we have updated our logo and our name. Importantly, we have added new topics and products

related to electric metering and the electrical grid.

- Revenue
- Communications
- IT/Computer/Programmable Devices
- Security
- Renewable/Alternative Energy
- Customer Service

## Registration and Fees

The registration fee is **\$445 per person if registered by May 31, 2018**. On June 1, the fee increases to \$545. Save \$100 by registering by the May 31 deadline!

The registration fee includes the welcome reception on Sunday evening, networking socials and lunches Monday-Wednesday, breaks Monday-Thursday, and the banquet on Wednesday evening. Additional banquet tickets are available at \$55 each.

**Single Day:** A single day registration fee is available at \$325 per person per day (includes lunch on that day, except Thursday).

**Exhibitors:** The fee is \$695 for displaying companies that register by May 31. On June 1, the fee increases to \$795. Each company receives a piped and draped 6' x 10' booth, a six-foot table, standard power, one (1) complimentary registration, and three days of maximum exposure. Exhibitors can register on-line at [go.ncsu.edu/ncems](http://go.ncsu.edu/ncems).



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### Why You Should Attend

The NC Electric Meter School and Grid Technology Conference provides you with a unique opportunity to learn all aspects of metering and substation equipment and operation, and grid technology in a school environment. The School offers focused tracks for the beginner to the most advanced meter personnel as well as the opportunity for the leaders of these operations to hear about important new technologies, critical problems, valuable resources, and effective solutions to meet the ever-changing environment of the electric industry. In addition, the School provides an excellent opportunity for vendor interaction with 80+ vendors with all attendees. The School is open to any and all persons interested in learning more about metering, substations, and grid technology!

### Attention: Professional Engineers

The NC Electric Meter School and and Grid Technology Conference is an approved sponsor of continuing professional competency activities for North Carolina Professional Engineers and Registered Land Surveyors.

**Upon course completion, each participant may receive 18 Professional Development Hours (PDHs).**

### Register by May 31 and **save \$100!**

**Go to [go.ncsu.edu/ncems](http://go.ncsu.edu/ncems) or call **919.515.2261** for more information.**

Please reference your priority code when registering.

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