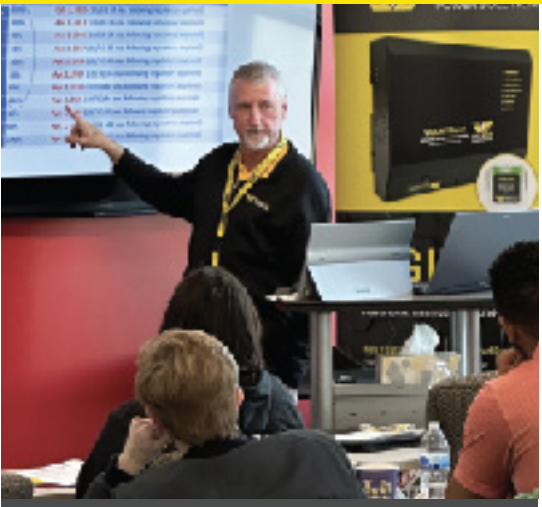
SAFETY
COMPLIANCE
MAINTENANCE

ORLANDO, FL – UTILITY FOCUSED TRAINING

TRAINING
NETWORKING
EARN PDH/CEUs



EVENT DETAILS:

UTILITY FOCUSED TRAINING
Orlando, FL
March 17-18, 2027

LOCATION
TBD

PRICING
$1,450
Per Student

EARLY BIRD DISCOUNT
Save $150
*Use code **EEUFL** and save $150 per student. Ends 2/24/2027*

REGISTRATION FEE INCLUDES:
Course, beverages, snacks, lunch, and networking event during training.

TWO-DAY COURSE

Battery Safety, Maintenance and NERC Compliance

An introduction to IEEE maintenance procedures for Lead-Acid and Nickel-Cadmium batteries that covers the specific requirements for NERC PRC-005-6 and TPL-001-5 compliance.

SUBJECTS COVERED:

Day 1:
9AM – 5PM

Intro to Lead Acid and Nickel Cadmium Batteries
The basic chemistry and construction of Lead-Acid and Nickel-Cadmium batteries.

Battery-Backed DC Power Systems
The configurations and components of a typical DC system.

Battery Failure Mechanisms
The impact of environmental and operational factors on battery health.

DC Power System Maintenance & Battery Room Safety
Manufacturer's/IEEE Recommended Maintenance Practices Parameters and their importance.

Battery Charging & Discharge Testing
The variations performed to properly maintain a battery and determine the battery's actual State of Health (capacity).

Day 2:
9AM – 4PM

What are FERC and NERC?
The origin of these governing bodies and their standards, how they are organized, and what they cover.

IEEE Recommendations vs. NERC Requirements
How the IEEE standards' recommendations compare to the NERC standards' requirements.

NERC Standard PRC-005-6
What it requires in its regulation of dc Power Systems within the Bulk Electric System (BES).

Making Sense of the Data
How maintenance & test data provides an assessment of battery condition.

NERC Standard TPL-001-5.1
How this Transmission Planning standard impacts dc Power System redundancy.

NETWORKING:

Join Us for Networking!
Enjoy entertainment, food & beer courtesy of Eagle Eye on the first night.

IEEE CREDENTIALING PROGRAM
Earn 15 PDH / 1.5 CEUs

EAGLE EYE UNIVERSITY

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