



## EVENT DETAILS:

UTILITY FOCUSED TRAINING

**Orlando, FL**  
March 24-25, 2026

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.



414-962-3377

eepowersolutions.com/battery-education

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

**DETAILS >>**



SCAN ME

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