



EVENT DETAILS:

UTILITY FOCUSED TRAINING

Philadelphia

Sept. 22-23, 2027

LOCATION

TBD

PRICING

\$1,450

Per Student

EARLY BIRD DISCOUNT

Save \$150

Use code **EEUPA** and save \$150 per student. Ends 8/23/2027.

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.



DETAILS >>



SCAN ME

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