



EVENT DETAILS:

UTILITY FOCUSED TRAINING

Dallas

May 12-13, 2027

LOCATION

TBD

PRICING

\$1,450

Per Student

EARLY BIRD DISCOUNT

Save \$150

Use code **EEUTX** and save \$150
per student. Ends 4/12/2027.

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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