



Co-hosted by **Eagle Eye University** and **Diversitec**.

TWO-DAY COURSE

Telecom Power Systems & Battery Reliability: Design, Safety, and Troubleshooting

A practical two-day course that equips telecom professionals with the knowledge to design, operate, test, and troubleshoot DC power plants and battery systems—ensuring uptime, safety, and reliable network performance.

SUBJECTS COVERED:

Day 1:
9AM – 5PM

Telecom Power Plant and Battery Fundamentals

- Safety Precautions for Telecom Battery Systems
- Telecommunications Equipment Uptime and Risk Mitigation
- AC Sources Supporting Telecom DC Plants
- DC Power System Functional Design Considerations
- Common Batteries Used in Telecom Applications
- Other Typical Components of Telecom Power Systems
- Battery Operating Fundamentals
- Battery Failure Modes and Conditions
- Environmental and Installation Considerations

Day 2:
9AM – 4PM

Testing, Monitoring, and Troubleshooting

- Circuit Protection and Grounding
- Battery Monitoring Systems and Alarm Strategy
- Testing, Acceptance, and Commissioning Baselines
- Functional Testing and Load Verification
- Ground Fault Detection (Tracing?) and Troubleshooting
- Final Review, Case Studies, and Q&A
- Final discussion and questions



Instructor:
Rodney Padilla

Rodney Padilla is the owner, founder, and chief instructor for Ground Rod LLC., supporting the installation, maintenance, operations, and testing of telecommunications equipment and replacement of engines, Automatic Transfer Switches, standby stationary battery systems, D/C Power boards, distribution, and voltage drop loads. As a trainer, he brings 35-plus years of experience in the telecommunication industry, primarily focused on power systems and safety.

NETWORKING:

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

EVENT DETAILS:

TELECOM FOCUSED TRAINING

RICHMOND

July 22-23, 2026

LOCATION

Diversitec

14301 Justice Road
Midlothian, VA 23113

PRICING

\$1,450

Per Student

EARLY BIRD SPECIAL

Save \$150

Use code **EEUVA** and save \$150 per student. Ends 6/23.

REGISTRATION FEE INCLUDES:

Course, beverages, snacks, lunch, and networking event during training.



DETAILS >>



SCAN ME

<< REGISTER

Early Bird Discount – Register Now!