



INPOWERD NERC 693 O&P Boot Camp

PRINCIPLE BASED TRAINING

The INPOWERD NERC 693/O&P Bootcamp provides essential foundational knowledge of power system operations and planning, the current FERC/NERC regulatory compliance framework and obligations, the roles, and responsibilities of regulated entities and how Reliability Standards are integrated with compliance and business operations. The workshop/training empowers Subject Matter Experts (SMEs) and fosters a better understanding of the purpose of the 693 standards and the required evidence needed to support a sustainable compliance program.

INPOWERD's NERC 693 O&P Boot Camp is the only 693 Boot Camp that has been approved under the NERC "System Operator Certification & Credential Maintenance Program". System Operators who participate in the Boot Camp will be awarded 12 CEH's.

THE INPOWERD NERC 693 O&P PROGRAM

Content

Terminal Objective

Upon completion of the Bootcamp, training participants will be able to understand the complex integration of NERC regulatory requirements and real-time operation and planning of the Bulk Electric System (BES). Ensure compliance teams are fluid in their understanding of power system operations and planning, the purpose of the 693 Reliability Standards, the expectations of regulatory auditors, and the documentation of quality evidence to show effective execution during compliance audits.

Enabling Objectives

- Understand the noteworthy events and the formation of the current ERO regulatory structure.
- Identify the roles and functions of FERC, NERC, Regions, PUCs, RTO's ISO's, NERC functional registrations, and the supporting role of company Subject Matter Experts (SMEs).
- Demonstrate a functional knowledge of power system planning, modeling, operations, and maintenance of Facilities and how the NERC 693 standards apply to everyday business operations.
- Demonstrate through dynamic exercises knowledge of 693 related NERC Standards and requirements from development through implementation and how they relate to BES risk factors.
- Apply NERC 693 Standards in a way that ensures a registered entity maintains sustainable compliance with applicable requirements while operating the BES.
- Apply internal control frameworks to the NERC regulatory objectives.
- Demonstrate knowledge of the ERO compliance audit process and how to prepare for audit related regulatory interviews.
- How to Identify and produce quality evidence in support of the NERC 693 requirements.



The workshop includes a Syllabus, 200-page student manual, a Boot Camp Notebook, Fingertip Matrixes, slide presentations and is tooled to specific regions and interconnections.

Presenter Information

The NERC O&P Bootcamp consists of 3 days of interactive classroom instruction led by Earl Shockley who during his four decades in the electric utility industry spent almost a decade at the North American Electric Reliability Cooperation (NERC). Earl was a Senior Executive responsible for developing and directing key Electric Reliability Organization (ERO) compliance and reliability programs at NERC.

Sam Austin will assist with the training; his experience includes almost four decades in the electric utility industry including certifications as a Nuclear Plant Operator and System Operator. Both Earl and Sam are certified technical trainers and facilitators.

Program Logistics

The Boot Camp program is instructor-led and will be delivered in person at the client's chosen location.

Method

While most programs are analytical in nature, our training methods are based on ERO level auditing and experienced driven lessons learned and best practices that have been proven to be stimulating and effective. They are interactive and provide a dynamic, conducive, and enjoyable environment for adult learning to take place.

The course includes a series of real-life exercises that encourages participation and keeps the program interesting and involving. All participation is rewarded in an atmosphere of acceptance and with respect for peoples' experience and background.

Format

The format will primarily consist of instructor-led online seminars and in-person sessions, exercises and debrief discussions. Exercises are team based and distill the standards and requirements down to the evidence level. The program provides insight, guidance and experience to those learning or struggling with simplifying the complexity around compliance objectives and measures.

Investment

Pricing for Boot Camp facilitation is calculated at a fixed fee rate per student, plus any required travel costs. There is a ten (10) student minimum with a thirty (30) student maximum.

Number of Students	Cost Per Student	Other Expenses
10 students Minimum	\$2200.00 per student	Travel not included