



WECC System Operator Training Interchange

Emphasis of this class is on Interchange in Interconnected System Operations. **Interchange** is a week-long class (Monday 1:00 pm – Friday 12:00 pm) that offers each student **30 NERC Continuing Education (CE) Hours**, including six (6) NERC CE hours of NERC Standards and eight (8) NERC CE hours of simulation.

Primary Topics include:

- Interchange Scheduling Principles
- Effect of Interchange Scheduling on AGC
- Electronic Tagging
- Unscheduled Flow
- WebSAS
- Western Interchange Tool (WIT)
- Time Error
- Inadvertent Energy
- Role of FERC, NERC, NAESB & WECC in Interchange
- Open Access Same Time Information System (OASIS)
- Balancing Authority Concepts and Obligations

The following simulation modules, using the PALCO* system, are included in the course. Additional Modules may be added as they are developed to enhance understanding of the covered topics.

- Introduction to the PALCO System (how to use the simulator)
- Open Access for North American Transmission System
- ATC Calculations
- Transmission Reservation & E-Tags
- Introduction to North American Energy Markets
- Automatic Generation Control
- NERC Balancing Structure and Principles

*PALCO is a fictional 29-station power system