



## **Program: Reserve Sharing Control Room Simulation**

### **Overview**

A simulated system disturbance is conducted in the balancing authority control room. The resultant actions taken by the NWPP Reserve Sharing Program are then observed by those in the control room through a NWPP computer-link to the real-time program.

### **Course Content**

Students successfully activate NWPP reserve sharing to satisfy the requirements of NERC Reliability Standard BAL-002.

Students learn about contingency reserve and be able to describe how the NERC, WECC, and NWPP standard, criteria and procedures are implemented within the NWPP area.

Students demonstrate through simulation the role of system operators during a contingency and how the RSG program is activated for reserve assistance.

Students will have the ability to describe the role of the centralized computer during a reserve sharing event.

Students will be able to describe the relationship between the BA's activation of reserve sharing and the interplay between their EMS system and the centralized reserve sharing program.

Students will be able to describe the NWPP Reserve Sharing activation results in a dynamic transfer of the sharing of reserve obligation between the requesting Balancing Authority and the delivering Balancing Authority.

### **Target Audience**

The course is intended for balancing authorities and support personnel operating the Bulk Electric System wishing to expand their knowledge about the mechanics of the NWPP Reserve Sharing Program

NERC CEHs: 1 NERC CEHs

WECC CEHs: 1 WECC CEHs

Qualifies for 1 simulation CEH.

Qualifies for Emergency Operations credit.

**Registration Fee:** Northwest Power Pool Members No Fee, Non-Members \$75.00.