



Customer Training



**2021 Western RC
Services**
SPP Customer
Training
Department

2021

Western RC Services Training Courses

Power System Restoration Drill - Western Interconnection

SPP's Power System Restoration Drills are designed to provide participating entities an opportunity to practice the implementation of their system restoration plans including the assessment, coordination and communication necessary for system restoration. Drills will be conducted virtually, enabling entities to participate from their own facility. SPP's Dispatcher Training Simulator (DTS) will be available through remote access. The drills will emphasize the application of NERC Standards, SPP Criteria and industry principles and guidelines related to system restoration. Facilitators, or their proxy, must be registered and present to assess each participant's performance in the simulation activity.

This is an intermediate level training session that will require participants have an existing knowledge of NERC Standards, SPP Criteria and industry principles and guidelines related to system restoration. We strongly recommend learners planning to participate in a system restoration drill first complete SPP's Restoration Principles Self-Study eLearning course or other comparable restoration-focused training.

NERC ILA Number: SPP_025_PSRD_WI_2021 *(Pending approval)*

NERC Individual Learning Activity (ILA) is recognized by the North American Electric Reliability Corporation as an approved learning activity for which NERC credential maintenance hours can be awarded and that Southwest Power Pool adheres to NERC Credential Maintenance Program Criteria

Estimated NERC CE Hour Breakdown:

Power System Restoration Drill - 8 Op Topics hrs. 8 Standards hrs. 8 Sim hrs.

Event Contact: [Greg Reed](#) – 501-482-2463

West Drills 2021 Dates:	February 25	March 11	March 25
	March 4	March 18	April 1

Restoration Principles/DTS Hands-On Class – Western Interconnection

The Restoration Principles and DTS Hands-On sessions are designed to prepare learners for participation in SPP's Power System Restoration drills. Participants will review fundamentals principals for system restoration, while receiving a hands-on tutorial on SPP's Dispatcher Training Simulator (DTS). Principals covered will include such items as acceptable frequency and voltage ranges, load restoration guidelines, and SPP's interconnection process. Participants will also learn how to start and control units, perform switching, and monitor system conditions in SPP's DTS in preparation for drill participation. All learners are strongly encouraged to attend a session annually prior to participating in a Power System Restoration drill.

This is foundational level training.

NERC ILA ID: SPP_025_DTS_2021 *(Pending approval)*

NERC Individual Learning Activity (ILA) is recognized by the North American Electric Reliability Corporation as an approved learning activity for which NERC credential maintenance hours can be awarded and that Southwest Power Pool adheres to NERC Credential Maintenance Program Criteria

Estimated NERC CE Hours Breakdown:

Totals: 4 Operating Topics hrs. 2 Simulation hrs. 4 Standard hrs.

Event Contact: [Greg Reed](#) – 501-482-2463

2021 Delivery Dates: (1300 – 1700 CPT)	February 24	March 10	March 24
	March 3	March 17	March 31

West RC Cycle Training

SPP's West RC Cycle Training will consist of two four-hour training sessions focusing on such topics as Congestion Management in SPP's West RC footprint, capacity and energy emergency, energy emergency alerts, and communications.

Participants will review SPP's system operating limits and congestion management methodologies as well as market-based and non-market-based generation redispatch.

Participants will also review Capacity and Energy Emergencies and Energy Emergency Alerts (EEA) through a review of NERC Standard EOP-011-1 and the associated Attachment 1 document. Finally, learners will review communication protocols in the SPP West RC footprint with a primary focus on operating instructions.

This is intermediate level training and will focus on operations in SPP's West RC footprint.

Course Fee: *Applies to entities that are not part of the RTO West Services*

\$360/per entity (\$45/Continuing Education Hour)

All payments are made through the SPP Learning Center (LMS). SPP does not invoice, but accepts all major credit cards for payment.

NERC ILA ID: SPP_025_WRCT_VILT_2021 *(Pending approval)*

NERC ILA is recognized by the North American Electric Reliability Corporation as an approved learning activity for which NERC credential maintenance hours can be awarded, and that Southwest Power Pool adheres to NERC Credential Maintenance Program Criteria

Estimated NERC CE Hours Breakdown:

Totals: 8 Operating Topics hrs. Partial Credit may be awarded in four-hour session increments.

Event Contact: [John Gunter](#) – 501-688-2526

2021 Delivery Dates: (1300 – 1700 CPT) (0800 – 1200 CPT)

February 23 - 24

March 9 - 10

March 23 - 24

March 2 - 3

March 16 - 17

March 30 - 31