

Steady-State Power System Security Analysis with PowerWorld Simulator

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Day 1

8:30 - 9:30 S1: Power System Modeling
9:30 - 10:15 S2: Advanced Power Flow Solutions
10:15 - 10:30 Break
10:30 - 12:00 S3: Techniques for Conditioning Hard-to-Solve Cases
12:00 - 1:00 Lunch
1:00 - 2:30 S4: Advanced Contingency Modeling
2:30 - 2:45 Break
2:45 - 3:30 ITP: Integrated Topology Processing (ITP Add-on)
3:30 - 4:30 S5: Available Transfer Capability (ATC Add-on)

Day 2

8:30 - 9:30 S6: Voltage Stability Using PV Curves (PV Add-on)
9:30 - 10:00 S7: Voltage Stability Using QV Curves (QV Add-on)
10:00 - 10:15 Break
10:15 - 12:00 S8: Security Analysis for a Generator Interconnection Study
12:00 - 1:00 Lunch
1:00 - 2:00 S8: Security Analysis for a Generator Interconnection Study
(continued)
2:00 - 2:15 Break
2:15 - 4:30 S9: ATC/PVQV Automation Examples