

# Introduction to PowerWorld Simulator: Interface and Common Tools

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## **Day 1**

8:30	-	10:00	I1: The PowerWorld Simulator Case Editor and One-line Diagrams
10:00	-	10:15	Break
10:15	-	12:00	I1: The PowerWorld Simulator Case Editor and One-line Diagrams (continued)
12:00	-	1:00	Lunch
1:00	-	2:30	I3: Model Explorer and Case Information Displays
2:30	-	2:45	Break
2:45	-	3:30	I4: Auxiliary File Format: DATA Section
3:30	-	4:30	I5: Data Aggregation using Areas, Zones, Interfaces, Super Areas, Injection Groups

## **Day 2**

8:30	-	9:45	I6: Contouring and Advanced Visualization
9:45	-	10:15	I7: Power System Analysis and Voltage Control
10:15	-	10:30	Break
10:30	-	11:30	I7: Power System Analysis and Voltage Control (cont)
11:30	-	12:00	I8: Generator and Area MW Control through Interconnected System Operation
12:00	-	1:00	Lunch
1:00	-	1:15	I8: Generator and Area MW Control through Interconnected System Operation
1:15	-	1:45	I9: Limit Monitoring Settings
1:45	-	2:30	I10: Intro to Contingency Analysis
2:30	-	2:45	Break
2:45	-	3:45	I11: Linear Analysis (PTDF, TLR, GSF, LODF, OTDF)
3:45	-	4:15	I12: Auxiliary File Format: SCRIPT Section
4:15	-	4:30	I14: Equivalentents (time permitting)
Extra	Topic		I15: SimAuto