

# Introduction to PowerWorld Simulator: Interface and Common Tools

Presented by PowerWorld Corporation  
Delivered via web conference – All times are Central US  
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## **Day 1**

10:00	-	12:00	I1:	The PowerWorld Simulator Case Editor and One-line Diagrams
12:00	-	12:15		Break
12:00	-	2:00	I1:	The PowerWorld Simulator Case Editor and One-line Diagrams (continued)

## **Day 2**

10:00	-	11:45	I3:	Model Explorer and Case Information Displays
11:45	-	12:00		Break
12:00	-	12:45	I4:	Auxiliary File Format: DATA Section
12:45	-	2:00	I5:	Data Aggregation using Areas, Zones, Interfaces, Super Areas, Injection Groups

## **Day 3**

10:00	-	11:00	I6:	Contouring and Advanced Visualization
11:00	-	12:00	I7:	Power System Analysis and Voltage Control
12:00	-	12:15		Break
12:15	-	12:45	I7:	Power System Analysis and Voltage Control (continued)
12:45	-	1:30	I8:	Generator and Area MW Control through Interconnected System Operation
1:30	-	2:00	I9:	Limit Monitoring Settings

## **Day 4**

10:00	-	11:00	I10:	Intro to Contingency Analysis
11:00	-	12:00	I11:	Linear Analysis (PTDF, TLR, GSF, LODF, OTDF)
12:00	-	12:15		Break
12:15	-	1:00	I12:	Auxiliary File Format: SCRIPT Section
1:00	-	2:00		Equivalents, SimAuto, and/or Fault Analysis, based on group preference