

Introduction to PowerWorld Simulator: Interface and Common Tools

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Day 1

- 8:30 - 9:00 I0: PowerWorld Simulator User Environment
(Ribbon, Model Explorer, and Window Styles)
- 9:00 - 10:15 I1: The PowerWorld Simulator Case Editor
- 10:15 - 10:30 Break
- 10:30 - 12:00 I2: Editing and Analyzing an Existing Power Flow Case
- 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 - 11:15 I7: Power System Analysis and Voltage Control (cont)
- 11:15 - 12:00 I8: Generator and Area MW Control through Interconnected
System Operation
- 12:00 - 1:00 Lunch
- 1:00 - 1:30 I9: Limit Monitoring Settings
- 1:30 - 2:15 I10: Intro to Contingency Analysis
- 2:15 - 2:30 Break
- 2:30 - 3:30 I11: Linear Analysis (PTDF, TLR, GSF, LODF, OTDF)
- 3:30 - 3:45 I12: Auxiliary File Format: SCRIPT Section
- 3:45 - 4:00 I13: Fault Analysis (time permitting)
- 4:00 - 4:30 I14: Equivalentents (time permitting)
- Extra Topic I15: SimAuto