

Wisconsin System Operators (WSO) 2007 Spring Series

Session 1—March 5-8
Session 2—March 19-22
Session 3—March 26-29

Park Plaza Hotel, Oshkosh, WI

Day 1

8:00 a.m.—Welcome/introductions/*Pat McMahan, American Transmission Company*

8:15 a.m.—*Basic Generation Concepts/Chris Kelly, We Energies; Howard Rulf, We Energies; and Will Behnke, Alliant Energy*

--AC and DC generator concepts

--Power plants

Noon—Lunch

12:45 p.m.—Power plants (cont.)

3:45 p.m.—Plant auxiliary equipment

5:00 p.m.—End of day

Day 2

8:00 a.m.—Welcome/announcements/plan for the day/*Pat McMahan, American Transmission Company*

8:10 a.m.—Basic Generation Concepts/plant auxiliary equipment (cont.)

10:15 a.m.—Break

10:30 a.m.—*Wind Generation/Steve Pitts, Madison Gas and Electric*

Noon—Lunch

12:45—*Power System Protection Fundamentals/Ken Behrendt, SEL Inc. (Schweitzer Engineering Laboratories)*

5:00—End of day

Day 3

8:00 a.m.—Welcome/announcements/plan for the day/Pat McMahan, American Transmission Company

8:10 a.m.—Coordination Concepts, Emergency Operations and Black Start Scenario/Francis Esselman, David Leary, Tim Walkowski, Jim Lauby, American Transmission Company, and Neil Hermus, Wisconsin Public Service (Scenario 1—Concepts of outage coordination)

10:10 a.m.—Scenario 2—Implementation of planned outage

11:10 a.m.—Scenario 3—Responding to emergencies

12:15—Lunch

1 p.m.—Scenario 3 (cont.)

3:30 p.m.—Scenario 4—Restoration

5:00 p.m.—End of day

Day 4

8:00 a.m.—Welcome/announcements/plan for the day/Pat McMahan, American Transmission Company

8:10 a.m.—Restoration (cont.)

11:00—Standards of Conduct in Operational Communications/Bob Geiger, Wisconsin Public Service, Bobbi Welch, American Transmission Company

Noon—Lunch

12:45 p.m.—Operational Communications (cont.)

3:15 p.m.—Wrap up/evaluations

3:30 p.m.—End of day

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