

# 2010 WPCA IL Regional Technical Seminar

## Tuesday - August 3, 2010

8:00-9:00	Registration (Prefunction Sapphire Ballroom)	
9:00-9:15	Welcome by Paul Ford / Vice President of WPCA (Sapphire Ballroom)	
9:15-9:30	Plant Safety Tip (Sapphire Ballroom)	
9:30-10:30	<b>90% Mercury Removal - Control Technologies</b> (Sapphire Ballroom) Moderator: Amy Evans, MET / Discussion Group: Ken Jeffers, Johnson Matthey Catalysts; Don Stowe, Babcock Power; Greg Bielawski, B&W (10 minute presentations followed by 30 minutes discussion)	
10:30-11:00	Break (Prefunction Sapphire Ballroom)	
11:00-12:00	<b>ESP Operating with High Sulfur Coals- What is the max sulfur content we can tolerate?</b> by Ron Triscori, RE Consulting (Sapphire Ballroom)	
12:00-1:00	Lunch for all attendees (Prefunction Sapphire Ballroom)	
1:00-2:45	<b>ESP O&amp;M Discussion Group</b> (Ruby Ballroom) .....Moderator: Jim Chaney, Ameren / Group: Royce Warnick, Stock Eq.; Paul Ford, Redkoh; Rob Mudry, Airflow Sciences; Michael Hatsfelt, SEI; John Knapik, B&W	<b>Fabric Filter O&amp;M Discussion Group</b> (Sapphire Ballroom) ....Moderator: Randy Fields, Dynegy Discussion Group: Mike Williams, Duke Energy; Tim Stark, GE Energy; Jay Doodnauth, Buell APC; Mike Widico, Lodge Cottrell
	<u>Issues Addressed</u> 1. ESP O&M 2. ESP controls 3. TR selection 4. Gas distribution	<u>Issues Addressed:</u> 1. Fabric Filter O&M 2. Baglife 3. Cleaning mode and frequencies 4. Monitoring recommendations (frequency of pulling and testing bags 5. Bag replacement 6. Startup of new bags 7. Avoiding binding of bags 8. Operational limitations
2:45-3:00	Break (Prefunction Sapphire Ballroom)	
3:00-4:00	<b>Precipitator Hazards</b> by John Walker, Duke Energy (Ruby Ballroom)	<b>Impact of Combustion on Fabric Filter Performance</b> by Tim Stark, GE Energy (Sapphire Ballroom)

## Wednesday - August 4, 2010

8:00-9:00	Registration (Prefunction Sapphire Ballroom)	
9:00-10:00	Integrated Emission Controls by Mark Thomas, Duke Energy (Sapphire Ballroom)	
10:00-10:30	Break (Prefunction Sapphire Ballroom)	
10:30-11:15	<b>Update on New ASTM Method for SO<sub>3</sub>/H<sub>2</sub>SO<sub>4</sub> Flue Gas Measurement</b> (Sapphire Ballroom) by Jim Guenthoer, CleanAir Engineering	
11:15-12:00	<b>An Unbiased Comparison of FGD Technologies: Wet vs Spray Dry vs CDS</b> by Brandy Johnson, B&W	
12:00-1:00	Lunch for all attendees (Prefunction Sapphire Ballroom)	
1:00-2:45	<b>Wet Scrubber O&amp;M Lesson Learned Discussion Group</b> (Ruby Ballroom) ....Moderator: Steve Wolsiffer, RE Consulting / Group: Greg Bielawski, B&W, Suzette Puski, Babcock Power; Gordon Maller, URS	<b>Dry Scrubber O&amp;M Discussion Group</b> (Sapphire Ballroom) ....Moderator: Dynegy Discussion: Bob Brinkley, B&W; Tony Licata, Babcock Power; Tim Stark, GE Energy
	<u>Issues Addressed</u> 1. Design Features 2. Process Controls 3. Troubleshooting Guidelines 4. Inspections / Procedures 5. Personnel & Training	<u>Issues Addressed</u> 1. Dry Scrubber O&M 2. Startup procedures 3. How to avoid plug up 4. Control issues and concerns 5. Waste handling/disposal 6. Monitoring 7. Operating parameters 8. Lime handling
2:45-3:00	Break (Prefunction Sapphire Ballroom)	
3:00-4:00	<b>CDS Scrubbers Dry FGD - way of the future?</b> (Sapphire Ballroom) by Amy Evans, MET	