

2008 WPCA / Duke Energy Seminar

September 3-5, 2008, Charlotte, NC

Wednesday - September 3, 2008

8:00 - 9:00	Registration	
9:00-9:15	Welcome by Rob Whitehead, Duke Energy	
9:15-9:30	Safety Tip by Scott Williams, Duke Energy (President of WPCA)	
9:30-10:15	Impact of Combustion on Particulate Collection by Bob Taylor, GE Energy	
10:15-10:30	Break	
10:30-11:15	ESP Basics by Tom Lugar, Fisher Klosterman	
11:15-12:00	Gas Flow / How to Improve It To Enhance ESP,Boiler, FGD,SCR,SNCR Performance by Rob Mudry, Airflow Sciences	
12:00 - 1:00	Lunch for all attendees	
1:00-2:45	ESP Control Workshop	Fabric Filter/Dry Scrubbers
	Understanding Controls by Paul Ford, Redkoh Industries Using Oscilloscope to Troubleshoot ESPs by Russ Ridgeway, AEP	Fabric Filter Basics & Media Selection by Robin Linton, GE Energy Fabric Filters O&M by Nick Macsata, Alstom
2:45 - 3:00	Break	
3:00-4:00	Flue Gas Conditioning for ESPs by Bill Hankins, Wahlco	Dry Scrubbers Fundamentals by Kevin Redinger, Babcock & Wilcox
4:00-5:00	ESP's - Problems & Solutions! Case Studies followed by discussion Moderated by John Walker, Duke Energy / Presenters: Doug Hartman, FE, Royce Warnick, Stock Equipment; Bob Mastropietro, Lodge Cottrell; Bill Walker, CleanAir; Mick Chambers, SEI; Ron Triscori, RE Consulting	
5:00-6:00	WPCA Reception	

Thursday - September 4, 2008

8:00 - 10:00	SCRs	SNCRs and Combustion Optimization
	Overview of SCRs by Terry Ake, Babcock Power SCR Catalyst Management by Nate White, Haldor Topsoe	SNCRs by Steve Johnson, Quinapoxet Solutions Combustion Optimization by Don Ryan, Babcock & Wilcox
10:00-10:15	Break	
10:15 - 11:00	Do's and Don'ts of AIG Tuning by Marilyn Martin, Evonik	Waterwall Corrosion from LNBS by George Harth, Babcock & Wilcox
11:00-12:00	Lessons Learned - (Discussion on SCRs and SO3) Moderated by Mark Thomas, Duke Energy / Panelists: Ken Jeffers, Argillon; Peter Struckmann, E.ON Engineering; Sterling Gray, URS; Wayne Whitaker, Duke Energy	
12:00 - 1:00	Lunch for all attendees	
1:00-2:00	Co-firing and Biomass Angelos Kokkinos, Babcock Power	
2:00-3:00	Mercury Issues by Steve Potter, Duke Energy	
3:15-6:00	Conference Teamwork Building Event (Tour of Roush Fenway Racing)	

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Friday - September 5, 2008	
8:00-9:00	Wet Scrubber System Fundamentals by Vic Adamson, Alstom
9:00-10:00	Scrubber Chemistry by Gordon Maller, URS
10:00-10:15	Break
10:15-11:15	Wet Scrubber O&M Issues by Ron Richard, RE Consulting
11:15-12:30	Scrubber Hot Topics: Moderated by Steve Wolsiffer, RE Consulting (Heavy ash loading; Chemical factors leading to scaling; Coating material on slurry pumps; etc) Panelists: Ted Parsons, B&W; Tony Licata, Babcock Power; Gordon Maller, URS; Vic Adamson, Alstom
12:30-1:30	Lunch for all attendees
1:30-3:00	Wet Scrubber Open Forum - Moderated by Ron Richard, RE Consulting Get answers to any of the FGD questions you have that weren't answered yesterday or earlier today.
3:00-6:00	Conference Teamwork Building Event (AutoFair at Lowe's Speedway)