

# *WPCA/Duke Energy Seminar*

## *Is Your Precipitator Ready for MATS?*

September 11, 2012 / Duke Energy Corporate Headquarters, Charlotte, NC

<b>Tuesday - September 11, 2012 (Duke Energy Corporate Office- Room ECII-0105)</b>	
8:00-8:30	Registration
8:30-8:45	<b>Welcome, Safety Note and Introduction of attendees</b> <i>by Scott Williams, Advisor to WPCA</i>
8:45-9:30	<b>MATS Clarification</b> (Emission limits, startup/shutdown, APC maintenance requirements, boiler tuning requirements) <i>by Mike Geers, Duke</i>
9:30-10:15	<b>Mercury Removal and ESP Performance</b> <i>by Mark Berry, Southern Company</i>
10:15-10:45	Break
10:45-11:45	<b>Fuel Effects on ESP Performance?</b> (Resistivity, ash content, ash chemical properties) <i>by Tom Lugar, MET</i>
11:45-12:45	Lunch for all attendees
12:45-2:00	<b>External Impacts on ESP Performance</b> (SO <sub>3</sub> /NH <sub>4</sub> , preheater, SCR, fuel oil carryover during startup, boiler combustion, O <sub>2</sub> monitors, mill fineness, LOI) <i>by John Knapik, B&amp;W</i>
2:00-2:30	Break
2:30-3:15	<b>How to Improve ESP Performance with Voltage Control and Rapper Control Settings</b> (Diagnosing ESP problems with the voltage control meters) <i>by Chris Roglieri, KC Cottrell Inc.</i>
3:15-4:15	<b>What are Sorbent Injection (DSI; ACI; Halogens; Soda Ash) Effects on ESP Performance?</b> <i>by Russ Ridgeway, RE Consulting</i>
4:00-5:00	<b>Discussion Panel / Moderated by Mark McIntire, Duke Energy</b> <i>Panelists: Marisa LaPalomente, AEP; Scott Thomas, Duke Energy;</i> <i>Bob Mastropietro, KC Cottrell Inc.; Mick Chambers, SEI</i>