

TRACK C: COAL, OIL, GAS, PUMPS & TURBINES

MONDAY APRIL 20 | 8:00AM - 10:00AM

C1. SO₂, NO_x, HG, PM CONTROL

C1.1 USE OF HALOGEN ADDITIVES TO INCREASE FUEL FLEXIBILITY

J. Duncan Kish, Sales Account Manager, ADA-ES, Inc.



C1.2 MERCURY CAPTURE IN THE COAL INDUSTRY; BEYOND HALOGENS

Domenic Contrino, Solutions Developer, Carbonxt



C1.3 PERFORMANCE IMPROVEMENTS FROM ELECTROSTATIC PRECIPITATOR REBUILDS

Robert Mastropietro, ESP Sales, Nol-Tec Systems



MONDAY APRIL 20 | 10:00AM - 12:00PM

C2. COAL OIL GAS TECHNOLOGIES



C2.1 CASE STUDIES OF COMBUSTION TURBINE EMISSIONS TROUBLESHOOTING

Carolyn Birch, Environmental Associate, Sargent & Lundy



C2.2 FREQUENCY CONTROL OF SEIG BASED MICROGRID DURING TRANSITION FROM GRID

Azhar Ul-Haq, Assistant Professor, National University of Sciences and Technology Islamabad



C2.3 DIESEL VS NATURAL GAS

Daniel Barbersek, Director of Power generation, Waukesha Pearce Industries



C2.4 UNIT FLEXIBILITY FOR COAL FIRED UNITS

Bruce Ogden, Director, Business Development, EAPC Industrial Services

MONDAY APRIL 20 | 2:00PM - 4:00PM

C3. MULTI POLLUTANT CONTROL

C3.1 BSR-050 – A NOVEL HIGH CAPACITY H₂S REMOVAL MEDIA

Dr. Joseph A. Rossin, VP, Materials Development, Guild Associates, Inc



C3.2 DON'T JUST MONITOR YOUR PM, CONTROL IT!

Robert Baxter, President, B3 Systems, Inc.



C3.3 MULTI-POLLUTANT REACT SYSTEM; 1 YEAR WITH US MADE CARBON PELLETS

Regina Rodriguez, President, Carbonxt



TUESDAY APRIL 21 | 8:00AM - 10:00AM

C4. DSI & ACL, SCR, SNCR, FGD TECHNOLOGIES

C4.1 BENEFITS OF ENHANCED HYDRATED LIME

Eric Fairbairn, Product Manager – Flue Gas Treatment, Mississippi Lime



C4.2 ACTIVATED CARBON ADSORPTION AND AIR PHASE MERCURY CAPTURE; A REVIEW

Domenic Contrino, R&D Manager, Carbonxt



C4.3 MEETING INCREASINGLY STRINGENT MEDICAL WASTE INCINERATOR STANDARDS

John Kumm, Senior Engineer/Senior Project Manager, EA Engineering, Science, and Technology, Inc. PBC



C4.4 FLOW ANALYSIS (CFD) RELATED TO SCR CATALYST ABRASION AND ASH DEPOSIT

Dong Won Park, Assistant Manager, KOEN (Korean South-East Power Co.)



TUESDAY APRIL 21 | 10:00AM - 12:00PM

C5. TURBINES & PUMPS CONTROL & OPTIMIZATION

C5.1 HAP REGULATION OF COMBUSTION TURBINES – MACT AND RTR

Makram Jaber, Partner, Hunton Andrews Kurth LLP



C5.2 COMBINED CYCLE GAS TURBINE STARTUP EMISSIONS

Jordan Haywood, Senior Key Expert - Environmental Engineering, Siemens Energy



TUESDAY APRIL 21 | 2:00PM - 4:00PM

C6. UTILITY MANAGEMENT & EMISSION CONTROL STRATEGIES

C6.1 SOLAR PV ELECTROMAGNETIC RADIATION AND IT'S SHIELDING

Quayum Abdul, Solar Instructor, Pasadena City, EastLA, WestLA, LACC, LA Harbor & El Camino Colleges, Southern California



C6.2 WHAT KEEPS UTILITY EXECUTIVES AWAKE AT NIGHT?

Boyd Beal, Principal, The Andrew James Advisory Group



C6.3 VERY GREEN CAPTURE OF CO₂, NO_x AND SO₂

Robert Richardson, President, Pacific Rim Design & Development Inc.



C6.4 THE POTENTIAL IMPACTS ON AIR POLLUTION EMISSIONS BY ENERGY STRATEGY

Jiun-Horng Tsai, Professor, National Cheng Kung University

