

Monday | February 16

Tuesday | February 17

Wednesday | February 18

1PM - 3PM

**C1. HG CONTROL DEMONSTRATIONS****C1.1 SCRUBBER ADDITIVES FOR MERCURY RE-EMISSION CONTROL**

Noah Meeks, Research Engineer, Southern Company Services; Gary Blythe &amp; Mandi Richardson, AECOM Corporation; Chuck Dene, Electric Power Research Institute

**C1.2 MODIFICATION & TESTING OF FEED SYSTEMS FOR AMENDED SILICATES**

Clifton Brown Jr., Vice President, Novinda; James Butz

**C1.3 HG MGMT. ACROSS WET SCRUBBERS FOR MATS COMPLIANCE: WHERE DOES THE HG GO?**Bruce Keiser, Research Fellow, Nalco; Jianwei Yua, Wayne M. Carso & Angela Zagala  
Co-Chair  
Bruce Keiser**C1.4 INORGANIC SCRUBBER ADDITIVE FOR ENHANCED CAPTURE OF ELEMENTAL HG**

Charles Lockert, President, Breen Energy Solutions; Russ Evans, Owensboro Municipal Utilities

**C1.5 MEASUREMENT OF CORROSION RATE ASSOCIATED W/ HALOGEN USE FOR HG OXIDATION**

Mandar Gadgil, AQCS Engineer, The Babcock &amp; Wilcox Company PGG; Murray Abbott, Chem Mod LLC; Steven Feeney, Babcock &amp; Wilcox Power Generation Group, Inc.

**C1.6 CARBON SORBENT PROPERTIES FOR OPTIMAL MERCURY REDUCTION**

Emma Zhou, Albemarle Corp.; Gregory Lambeth, Jon Miller

3:30PM - 5:30PM

**C2. ACTIVATED CARBON - HG****C2.1 ACTIVATED CARBON FOR MATS COMPLIANCE: GETTING THE MOST OUT OF YOUR RFP PROCESS**

Erica Ganzaaga, Applications Engineer, Carboxit, Inc.; Dr. David Mazyck, Heather Byrne PhD, PE, Michelle Brown PE, &amp; Jack Dniewga PE

**C2.2 ACI FOR MERCURY CONTROL: A STATUS CHECK BEFORE THE BIG MATS PLUNGE**

Richard Mimna, Sr. R&amp;D Associate, Calgon Carbon Corporation

**C2.3 THE EVOLVING POWDER ACTIVATED CARBON MARKETPLACE**

Mitch Lund, Chemical Engineer, Nol-Tec Systems

**C2.4 ADVANCED MINING METHODS TO PRODUCE WORLD CLASS HG REMOVAL SOLUTIONS**

Jerry Adler, Senior Engineer, Cabot Corporation

**C2.5 NEXT GENERATION SO3 TOLERANT PACS**

Joe Wong, Chief Technology Officer, ADA-CS, LLC; Roger Cayton &amp; Jacob Lowing

**C2.6 PULVERIZED LIMESTONE & ACTIVATED CARBON SLURRIES W/ VACUUM EJECTOR MIXERS**

Charles Alack, COO/CEO, Semi-Bulk Systems; Jeff Doherty

Tuesday | February 17

7:30AM - 9:30AM

**C3. HG CONTROL TECHNOLOGIES****C3.1 FGDPLUS - AN EFFICIENCY BOOSTER FOR OPEN SPRAY TOWER TECHNOLOGY**  
Andreas Gruber-Wall, Team Leader Process Development, Andritz Environmental Solutions; Christian Patterer & Michael Kramer**C3.2 THE DYNAMIC HG CAPTURE TEST: RAPID PAC PROTOTYPING FOR ENHANCED HG CAPTURE**

Joe Wong, Chief Technology Officer, ADA Carbon Solutions; Chris Vaccino, ADA Carbon Solutions; Nick Lentz, University of North Dakota

**C3.3 NON-CARBON, LIQUID SORBENT FOR HG EMISSION CONTROL IN SPRAY DRY ABSORBERS**

Tommy Hung-Ting Chen, Lead Chemist, Nalco, an Ecolab Company; Bruce A. Keiser, Wayne M. Carlson, Brett Showalter, Jianwei Yuan &amp; Nicholas R. Denny

**C3.4 SO3 TOLERANCE OF AMENDED SILICATE MERCURY SORBENTS**

Thomas K. Gale, Director of Technology Development, Novinda Corporation; James R. Butz

**C3.5 DIFFERENT OPTIONS FOR SPECIFYING A MERCURY REDUCTION SYSTEM**

Conner Cox, Process Engineer, United Conveyor Corporation

**C4. DRY SORBENT INJECTION (DSI)****C4.1 DSI FOR HIGH LEVEL (UP TO 90%+) SO2 & MERCURY REMOVAL ON A LARGE COAL-FIRED UNIT EQUIPPED WITH AN ESP & FABRIC FILTER**

Jon Norman, DSI Sales &amp; Technology Manager, United Conveyor Corporation

**C4.2 A DSI SYSTEM INSTALLATION AT A MIDWEST UTILITY - A LOW CAPITAL COST POLLUTANT CONTROL SOLUTION**

Robert Broglio, Sr. Business Development Manager, NAEI Corp.

**C4.3 EXECUTION STRATEGIES FOR A FAST TRACK FLEET WIDE IMPLEMENTATION OF DSI & ACI TECHNOLOGY**

Dennis Decator, Sr Project Manager, DTE Energy; Chris Patzlas, Project Manager, Black &amp; Veatch

**C4.4 SORBIMIX™ TO IMPROVE MIXING FOR DRY SORBENT INJECTION APPLICATIONS**

Guisu Liu, Director of Technology, Mobotec LLC; Baiyun Gong, Mike Klump, Alan Chadwick &amp; Craig Paquette

**C4.5 ADVANCED CHEMISTRY MODELING FOR SO2, SO3, & HCL REMOVAL BY DSI**

Baiyun Gong, Combustion Modeling Manager, Mobotec LLC; Guisu Liu

**C4.6 BENEFITS OF CONDITIONED AIR IN TRANSLOADING WHEN USING TRONA FOR SO2 & ACID GASES MITIGATION IN COAL FIRED UNITS FLUE GAS STREAM**

Michael Brubaker, Commercial Development Manager, Natronx Technologies, LLC;

Joshua Allen

**C5. HG MATS COMPLIANCE****C5.1 STARTUP & SHUTDOWN CONSIDERATIONS UNDER MATS**

Bruce Macdonald, Principal Scientist, SLR International; Er Ostersburg

**C5.2 MATS COMPLIANCE STRATEGIES**

Stephanie Sebor, Associate, Winston &amp; Strawn LLP

**C5.3 COMPREHENSIVE TRIAL PLANNING FOR ACHIEVING EPA MATS COMPLIANCE**

Steve Baloga, V.P. Environmental Services, Novinda Corporation

**C5.4 INNOVATIONS WITH MERCURY PROCESS MONITORING FOR MERCURY CONTROL**

Andrew Merz, Projects Engineer, Ohio Lumex Co.; Joseph Siperstein

**C5.5 MERCURY LEE TESTING CASE STUDY**

Jeremy Miller, Senior Project Manager, TRC; Dave Darnel, Nebraska Public Power District

**C5.6 KLEENSCRUB TECHNOLOGY UPDATE - WHY FGD OPERATIONS IS KEY TO HG REMEDIATION**

Mark Pastore, VP Technology, EES, Inc.

**C6. HG DEMONSTRATION & INSTALLATION****C6.1 DEMONSTRATION & INSTALLATION OF NOVEL MERCURY OXIDATION TECHNOLOGY**

Sterling Gray, Business Development Manager, AECOM; Jim B. Jarvis, Steven W., Kader Andrew Wang

**C6.2 FROM MATS HG DEMONSTRATIONS TO COMMERCIAL COMPLIANCE PROGRAMS**

INSTALLATION UPDATE &amp; DEMONSTRATION RESULTS FOR PRB &amp; LIGNITE EGU

John Pavlish, Senior Vice President &amp; CTO, Midwest Energy Emissions Corp (ME2C); Marcus Sylvester &amp; Jim Trettel

**C6.3 HG REMOVAL IN WET SCRUBBERS & BENEFICIAL USE OF GYPSUM - A CONTRADICTION?**

Andreas Gruber-Wall, Team Leader Process Development, Andritz Energy &amp; Environment;

Michael Kramer, Dr. Harald Reizne &amp; Christian Patterer

**C6.4 EXTENDED TRIALS OF NOVINDA'S AS-HGX FOR EPA MATS MERCURY COMPLIANCE**

James Butz, VP of Product Management, Novinda; Clifton Brown Jr. &amp; Stephen Baloga

**C6.5 INSTALLATION OF THE GORE MERCURY CONTROL SYSTEM AT THE CAYUGA POWER PLANT**

Jonas Kingspor, VP Business Development, AECOM; Jeff Kolde, W.L. Gore; Doug Roll,

Cayuga Operating Company

**C6.6 DEMONSTRATING COMPLIANCE WITH MATS**

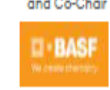
Bob Fraser, Partner, ERN; Mike Zebell

10AM - 12PM

Session Sponsor  
and Co-Chair  
**DTE Energy**

Dennis Decator

7:30AM - 9:30AM

Session Sponsor  
and Co-Chair

William Hinz

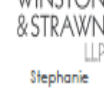
Co-Chair  
Keith Schofield

10AM - 12PM

Session Sponsor  
and Co-Chair

Jon Miller

1PM - 3PM

Session Sponsor  
and Co-Chairs  
**WINSTON  
& STRAWN  
LLP**

Stephanie Sebor



Bruce Macdonald

3:30PM - 5:30PM

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NOL-TEC SYSTEMS

Mitch Lund

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