

ADVISORY BOARD TRACK H



This Track provides presentations on current technologies and strategies concerning CCS, CCR, ELG and coal ash in the energy industry.

Monday | 1PM - 3PM

H1. CCR & ELG COMPLIANCE MGMT.

**H1.1 WATER AND ASH COMPLIANCE: WHAT ELSE IS NEW?**  
Jason Eichenberger, CCR Business Unit Manager, Burns & McDonnell

**H1.2 CASE STUDY FOR CCR AND ELG COMPLIANCE AT A 4 UNIT 1700 MW STATION**  
Gerald Long, Manager, North American Sales, United Conveyor Corporation

Monday | 3:30PM - 5:30PM

H2. COAL ASH, CCR & FGD

**H2.1 REGULATORY & POLICY DRIVERS CONTINUE TO IMPACT CCR RESOURCE MARKETS**  
Danny Gray, ExecutiveVP - Government & Environmental Affairs, Charah Solutions, Inc.

**H2.2 FROM ASH TO GRASS: DECOMMISSIONING TWO CCR SURFACE IMPOUNDMENTS**  
Cedric Ruhl, Associate Engineer, Wood

**H2.3 PULSATION DAMPENING OF DENSE SLURRY AND PASTE SYSTEMS**  
Tobias Lutz, Product Manager, Putzmeister Solid Pumps GmbH; Uli Freitag



Tuesday | 7:30AM - 9:30AM

H3. CCR RULE

**H3.1 COAL COMBUSTIONS RESIDUALS RULE - WHERE DOES A FACILITY GO FROM HERE?**  
Christine Harris, Power Generation Regulatory Compliance Practice Leader, HDR

**H3.2 CONCEPTUAL SITE MODEL AND ITS BENEFITS FOR CLOSURE OF CCR UNITS**  
Martin Reif, Waste Facility Containment Practice Leader, Jacobs

**H3.3 DEWATERING AND CONTAINMENT OF COAL ASH USING GEOTEXTILE TUBES**  
Chris Timpson, Engineering Business Manager, TenCate Geosynthetics; Tom Stephens



Tuesday | 10AM - 12PM

H4. COAL ASH

**H4.1 DESIGN CONSIDERATIONS FOR COAL ASH BASIN WATER TREATMENT**  
Charles McCloskey, Market Manager-Power Industry, Evoqua Water Technologies

**H4.2 ENVIRONMENTALLY FRIENDLY ASH BENEFICIATION TECHNOLOGY**  
Michael Varner, Director - Business Development, SCB International; Chris Poling

**H4.3 GROWING GEOSTRUCTURAL AND STABILIZATION NEEDS FOR ASH POND CLOSURE**  
Paul Schmall, Chief Engineer, Moretrench

**H4.4 RAWHIDE ENERGY STATION ASH CONVERSION**  
Courtney Stewart, Senior Environmental Engineer, Platte River Power Authority

**H4.5 THE ROLE OF WORK AREA QUANTIFICATION FOR CCR CONSTRUCTION PROGRAMS**  
Dale Evans, Senior Director of Technology & Strategy, Remedial Construction Services



Tuesday | 1PM - 3PM

H5. COAL ASH, CCR & FGD

**H5.1 LEACHING REE FROM COAL FLY ASH USING ORGANIC ACIDS**  
David Reed, Senior Scientist, Idaho National Laboratory; Yoshiko Fujita, INL; Jacob Fisher, BYU-Idaho, Dan Park, Yongqin Jiao; Livermore National Laboratory; Margaret Lencka, Andrew Anderko, OLI Systems; Lili Wu, Alexandra Navrotsky, University California-Davis



Tuesday | 3:30PM - 5:30PM

H6. FGD, ELG, CCR & CCS

**H6.1 NEW MEMBRANE CONFIGURATION SAVES COSTS IN FGD TREATMENT FOR ELG/ZLD**  
Jon Liberzon, Vice President, BKT; Jonathan Chen

**H6.2 REGULATIONS AND WATER USE: NAVIGATING THE BALANCING ACT**  
Katie Bland, Process Section Manager, Burns and McDonnell; Dan Elliott



Wednesday | 7:30AM - 9:30AM

H7. CCS: CARBON CAPTURE & STORAGE

**H7.1 POLICY PARITY FOR CARBON CAPTURE**  
Heather Greenley, Program Coordinator, USEA

**H7.2 CCUS - UTILIZINE FTIR MEASUREMENT TECHNOLOGY TO CONTROL THE PROCESSES**  
Jim Cornish, Sales & Support Manager, Gasmot Technologies



EUEC 2019

Wednesday | 10AM - 12PM

H8. RARE EARTH MINERALS

**H8.1 DETERMINATION AND RECOVERY OF RARE EARTHS FROM COAL**  
Evan Granite, Research Chemical Engineer, Task Leader, USDOE; Ken Ladwig, Elliot Roth

**H8.2 USING AGRICULTURAL WASTES TO RECOVER REE FROM URBAN WASTES**  
David Reed, Senior Scientist, Idaho National Laboratory; Vicki Thompson, Yoshiko Fujita, INL; Yongqin Jiao, Lawrence Livermore National Laboratory; Jacob Fisher, BYU; Michael Crain-Zamora, University of Iowa, Katherine Scalzone, Montana State University

