

Thursday, September 17, 2020

Introduction - Regis Conrad, DOE FE

1:10 PM Demonstration of Holistic, Lower Cost/Energy Effluent Water Management Approaches for Coal-Fired Energy Plant

Keynote Jeffrey Preece, EPRI

Wastewater Panel Discussion

Moderator Omer Bakshi

Facilitator Jessica Mullen

1:30 PM BEST Demonstration Test Site
John Hamling, UND EERC

1:40 PM Overview of NETL Energy-Water Experimental R&D and NETL Pilot-Testing of Concentrating Effluent Streams
Nicholas Siefert, NETL

1:50 PM Facilitated Discussion

2:10 PM Energy Efficient Waste Heat Coupled Forward Osmosis for Effluent Water Management at Coal-Fired Power Plants
Nandakishore Rajagopalan, University of Illinois

2:20 PM Co-Generation Wastewater Treatment at Coal Fired Energy Plants
Scott Trybula, GTI

2:30 PM Development of a High Efficient Membrane-Based Wastewater Management System for Thermal Power Plants
Indira Jayaweera, SRI

2:40 PM Flue Gas Desulfurization Effluent Management Using an Innovative Low-Energy Biosorption Treatment System to Remove Key Contaminants
Joon Min, ES Engineering Services, LLC

2:50 PM Facilitated Discussion

3:15 PM Adjourn