



Session: Processing
Wednesday, Sept. 24
8 – 10am
Room N257, Las Vegas Convention Center, Upper Concourse

Title: North Antelope Rochelle Mine In-Pit Crushing and Over-Land
Conveying System

Presenter: Jeane Hull, Group Executive, Powder River Basin Operations, Peabody
Energy and D. Scott Pearson, Director of Operations Support, North
Antelope Rochelle Mine, Powder River Coal, LLC.

Abstract:

In today's environment, mine operators face an array of daunting challenges-- increasing fuel costs, tire shortages, aging mine infrastructure, long haul distances, deeper mining depths, long equipment lead times and workforce shortages. These challenges can loom even larger when you are the world's largest coal mine-- Peabody's North Antelope Rochelle Mine (NARM). To meet these challenges head-on, Peabody has invested in several large-scale capital projects aimed at reducing costs and improving productivities. One of these projects, commissioned this past summer, is a 6000 ton per hour "in-pit" crushing system coupled with a 2.8 mile over-land conveying system. This system uses state-of-the-art technologies and incorporates innovative thinking and massive equipment on a scale not typically encountered. This presentation will provide an overview of the system and technology employed to meet the project needs.