

## WMEA Group Discussion Notes – Albuquerque, NM November, 2013 Group #7

Woody Vowell – Red Hills Mine - Group Leader

Gary Beerline – Cloud Peak Mine

Adam Creery – Andritz Automation

Gary Sorenson – Drives & Controls

Ed Kessel – Coteau Mine

Cory Hayes – Nexans Americable Company

Brian Clark – Mining Electrical Services

### Safety

Brian Clark - 2 electricians working together at a 4160 volt panel. One put a 600 volt Fluke meter across it – lack of experience and training were to blame for the accident.

Woody Vowell – Red Hills Mine – discussed hand injuries – cuts to hands while stripping cable out with a razor knife. Tools are out there to prevent these injuries – Greenlee Lineman supply store make very good tools to prevent these accidents. Cut resistant gloves should also be worn.

Cory Hayes – Nexans Americable - Pull-off tools for horseshoes are a good fix for grip issues with cut resistant gloves –

Gary Sorenson – DCS - Contractors on mine site need to adhere to safety regulations – Management groups on site should make sure they are followed.

### New Innovations and Technology

Gary Beerline – Cloud Peak – Cloud Peak mine just had DCS upgrade all draglines with Siemens 6RA80 Drives

Gary Sorenson – DCS Liberty Fuels Mine has the First all A/C dragline

Ed Kessel – Coteau Properties – Upgraded their 2800 shovel to new Centurian drive system. P&H performed the work. Also upgraded their coal handling facility – upgrades provide better feed thru of coal.

Adam Creery – Andritz Automation – There is a new product on the market that can verify the condition of circuit breakers. The company's name is Circuit Breaker Analyzer Inc. – [www.circuitbreakeranalyzer.com](http://www.circuitbreakeranalyzer.com)

### Problems and Solutions

Gary Beerline – Cloud Peak - having problems with J.R. Merritt joysticks on draglines with 5 – 6 weeks lead times (delivery time) on joysticks. Cloud Peak had DCS make joysticks easier to exchange by using Phoenix plugs, this also helped to eliminate mis-wiring.

Additional Comments – Our Group Rules! I was voted the most outstanding leader. - Unanimous

### Future Meetings Topics

Cory Hayes – Nexans Americable – Power point presentation to show proper steps in cable repair. All cable manufactures need to be involved with this

Brian Clark – Mining Electrical Services – More educational training – examples – transformer and motor calculations and how to troubleshoot bad power cables.

### Future Locations

Henderson, Nevada

It would be nice to tour plants if one is near.