

## WMEA Meeting – November, 2014 Tucson, Az.

### Group #1 Notes:

Jonathan Schmucker -Toshiba

Daniel Robertson - Siemens

Skip Veigel - AZ Electrical Apparatus

Gus Nasrallah - Electroswitch

Nate Hillerud - Coteau Mine

Tim Gross - Crouse Hinds

Troy Cormaney - Wyoming Machinery

Tom Schaff - Falkirk Mine

Bryan Como - Nidec Avtron

Don Patterson - DCS

Tom Felhusen - Phoenix Products

### Safety

Forklift injury in Plant, Mobile Equipment – Tom Feldhuson- Phoenix products

Time Delay Breaker – Gus Nasrallah -Electroswitch

Battery Backup for LED Lights –Timothy Gross- Crouse Hinds

Coteau safety- relying solely on equipment not following procedure –Nate Hillerud -Coteau

Unmanned haul truck rolled into tire changing truck –Bryan Como - Nidec

### New Innovations and Technology:

Dragline Harvestry- changing lighting based on need-motion sensors- energy savings –T. Gross

Autonomous equipment operator Assist – Troy Cormaney

### Problems and Solutions:

Lack of experience, attrition of older generation, Schools –Troy Cormaney, Brian Como

Shutting down draglines, Mahue – Don Patterson

Soft Start, smaller cable

Complacency- returning to work, pride

Future Topics:

Usabelli's upgrade – Don Patterson

Best Practice, Discussion –Tom Feldhusen

NFPA- 70E to discuss standard

MSHA, inspectors (retired)

Class/Training – Nate Hillerud

Autonomous/Assisted

Future Locations:

Vegas, Ft. Worth, Gillette, Orlando

aster list.