

WMEA Group #4 Discussion

Members:

- Steve Wetzel, General Cable (leader) (SW)
- Matthew Holl, Caterpillar (MH)
- Jarred Walker, Cloud Peak (JW)
- Gary Spears, Westmoreland (GS)
- Brandon Bertsch, Mining Electrical Services (BB)
- Brian Harris, Line Power (BH)
- Nate Hillerud, Coteau NH)
- George Schofield, Buckskin Mine (GS)
- Glen Simpson, Big Brown Mine (GS*)

Safety

- Widen Platform, install hand rails to protect from fall (NH)
- MCC buckets on AC beaker to protect from Arc Flash (NH)
- Share incident reports and corrective actions (GS) (GS*)
- GPS location proximity detectors (?)
- Remote operation of circuit breakers (BH)
- Call and talk to manufacturer to learn about safety enhancements (MH)
- Use green cones for electrical cable, different color than any other cones to stand out (GS)

New Innovations and Technology

- Automated Dozers, safer and more efficient (GS*)
- Arc Detectors remote shutoff (GS)
- IR Detection for PM, Schedule time, standardize (by mine or by vendor) (JW & BH)
- Avoid Parallel lines of different voltage cable (?)
- Tag System, Substations, junction boxes, and cables to identify which cable is which. (JW)

Problems and Solutions

- Factory Magnet Test (bad relays) (GS*)
- MSHA wanted to alter enclosure to see breaker dial but if the enclosure is modified it must be re-certified (NH)

Future Meeting Topics

- Troubleshooting Cable and Cable Testing (GS)
- LED Lighting (Phoenix was good, lets here more) (GS)
- More information on Grounding (GS*)

Future Locations

- Vancouver (many in the group)