

WEMA Discussion Group # 7

Aaron Isaak	Coteau properties company
David Barrett	DCS Drives and control services
Dell Brown	Sunhills mining
Mark Rasmussen	Westmoreland coal
Jay Koenitzer	Helwig Carbon
Ton Cochran	Guardvent

Safety Items

Bear Run, A-leads under the walkway burned up 4-5 draglines, 2570 fires, Armored Cable shorted together and to ground. Splices the cause? Insulation, old reused cable. Contamination and overfilled cable trays	Dave Mark
Coordination study and MSHA in Texas, starting to look at substations(dole hills)	Cody
Switch house fire, High side of breaker arced over.(25Kv) phase ct's with burnt off leads (no metering)	Dell
Lightning and Ionization in the air? Lightning arrestors have shown glowing during a storm	Mark

New Innovations and Technology

Upgrades, Siemens 6Ra80's 5-6 each year	Dave
LED upgrades	Mark and Cody
Startco Neutral Ground Monitor	Cody, Dave Dell

Problems and Solutions

Carry over, Switch house fire (root Cause) -Humidity, Ionization of the Air	Dell
Light Pollution, Regulation	Mark ,Dave
Led Driver Failures	Cody
Tied in NGR and 3 phase Cable fed Circuits	Cody, Dave, Aaron
IP phones on draglines	Dave, Cody, Mark

Future Meeting Topics

Soft Start Systems for MG sets on a Dragline upgrade Dragline Brake upgrades	Dell, Dave
More Scientific Studies for Continued learning Credits?	Cody
Mobile power/Motivators (haul Truck as power Gen) Dragline school before Wmea	Dave

Future Locations
