





- Capabilities, Expertise and Staffing
- Key industry Issues
- Resources
- Industry Issue Example: Battery Energy Storage Systems (BESS) Concerns and Support to our Members
- Questions







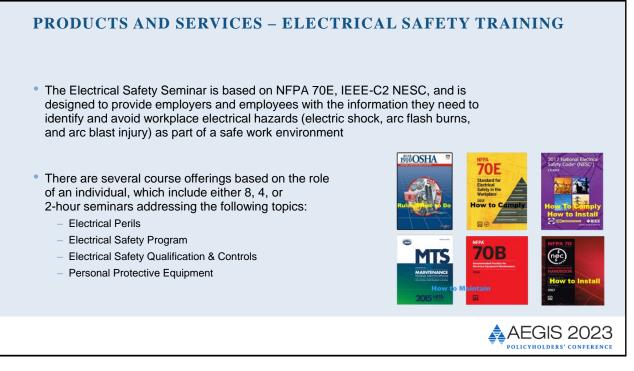


PRODUCTS & SERVICES – FIRE PROTECTION TRAINING

- Held annually for the benefit of the Member companies
- Next training will be in October 17-19, 2023
- Training held at Oklahoma State University
- Classroom and hands-on training environment
- Topics include:
 - Power plant hazards review
 - Fire protection design concepts
 - Fire pumps and water supplies
 - Sprinkler systems
 - Detection systems

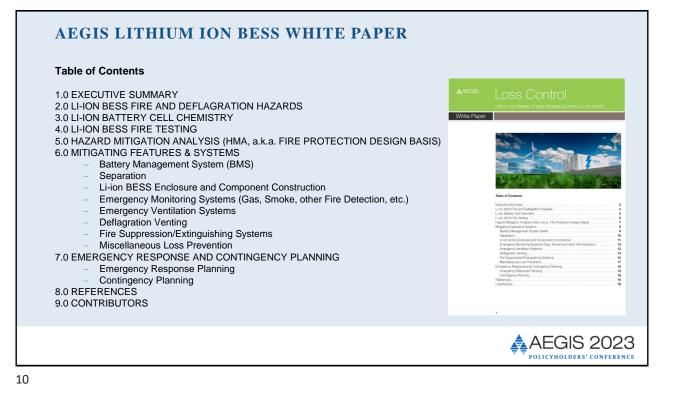


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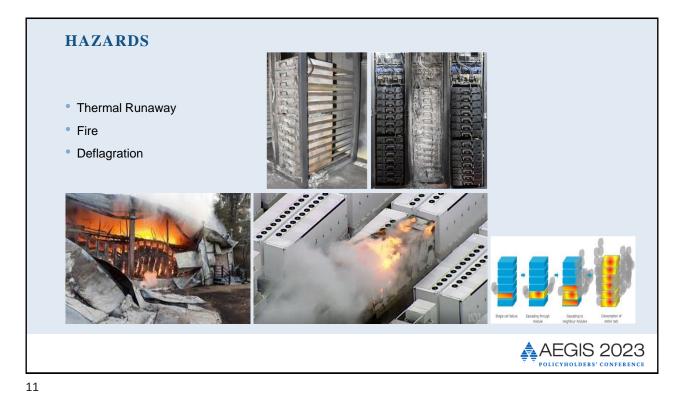


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WED_BO_S1_Loss Control Property Operational Safety Programs_v08

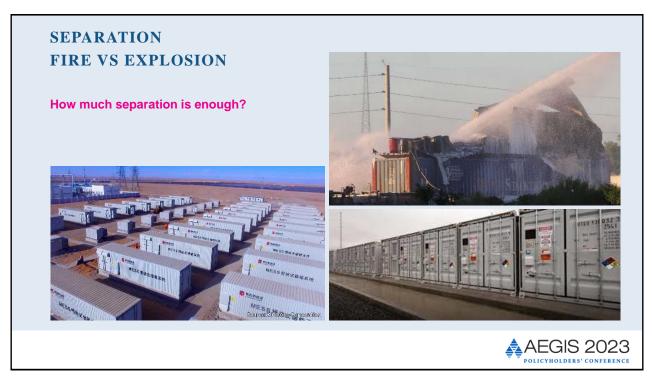




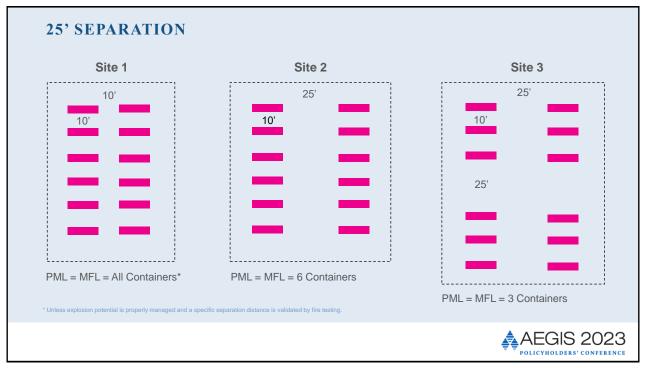


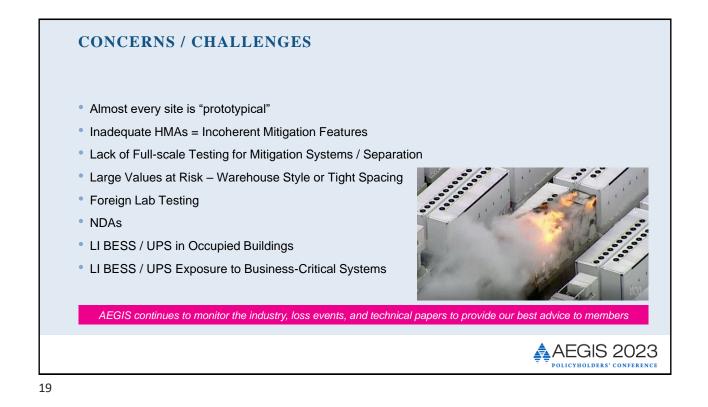








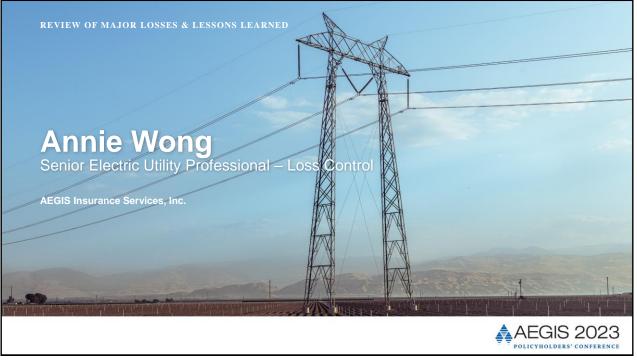




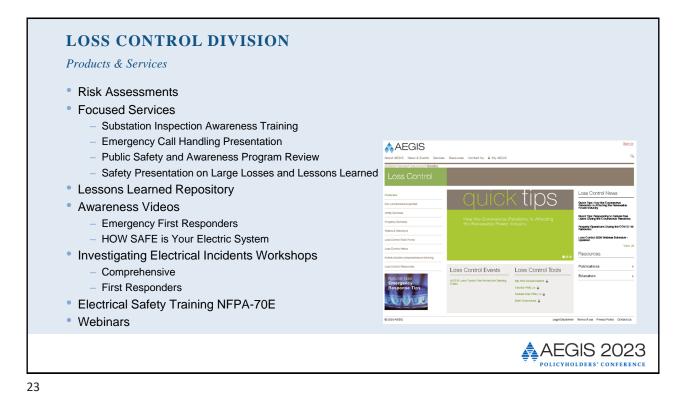


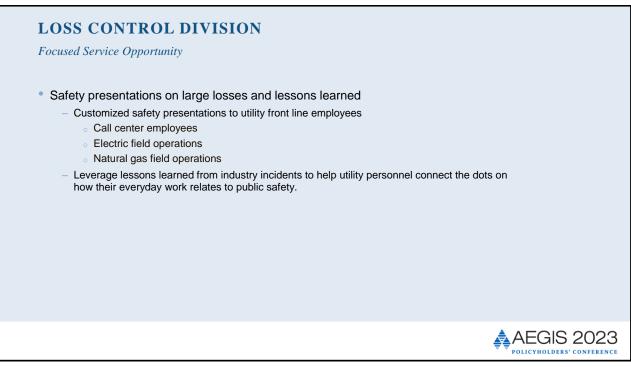
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POLICYHOLDERS' CONFERENCE









ELECTRIC CONTACT – LOW HANGING WIRE

Facts

- A pair of porcelain insulators attached to bare copper primary wire on a cross arm dislodged in a storm
- Pole is in an alley behind a residence
- That evening a resident sees the line hanging low and calls the utility
- Service tech responds but sees phone/cable lines low hanging from a pole on the street
- Service tech assumes those are the lines reported to the utility and clears the ticket
- Next morning, a man driving in the alley gets out of his truck and makes contact with the line

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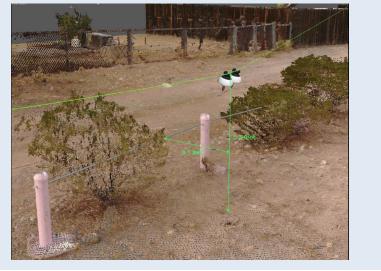


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AEGIS 2023

ELECTRIC CONTACT – LOW HANGING WIRE

Observed condition



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ELECTRIC CONTACT – LOW HANGING WIRE

Consequences

- Man suffered 1st and 2nd degree burns to 85% of his body
- He was in a medically induced coma for more than a month
- As a results of his burns, he could not lift his arms above his head
- Claimed memory problems and cognitive impairment





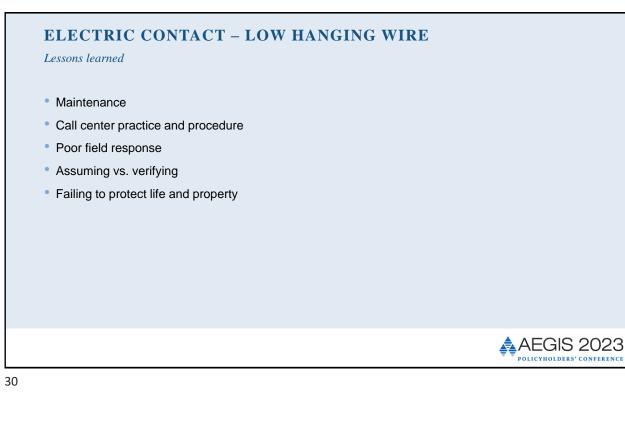
AEGIS 2023

ELECTRIC CONTACT – LOW HANGING WIRE

Liability factors

- Wood insulator pins were rotted
- · Call center did not ask questions of the resident about the scene and where the wire was located
- Call center representative did not warn the resident to stay away from the line
- Service technician only did visual inspection from his truck
- · Contributory negligence Injured man intentionally grabbed the down line because he was scrapping





ELECTRIC CONTACT – FLY FISHING

Facts

- A 15-year-old boy was fly fishing from a kayak when a portion of his pole or line came into contact with an electric conductor extending across the pond.
- The conductor was one phase of a double circuit 69 kV line spanning a private pond. The span was 690 feet long. The clearance at the contact point was 12 feet above the water.

Timeline

- 1951 line was constructed, no pond on the property
- 1995 aerial imagery shows a pond on the property
- 1998 fiber optic cable added by a third party
- 2004 structure on the west side of the pond replaced by insured
- 2015 current owners purchased the property
- 2020 accident occurred



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ELECTRIC CONTACT – FLY FISHING

Damages

- A 15-year-old high school student
 - Honor student, soccer player, avid fly fisherman
 - Suffered 3rd degree burns to approximately 35% TBSA
 - Amputation of right arm above the elbow, and toes on right foot
 - Suffered a "drop foot," significant muscle loss to both calves

ELECTRIC CONTACT – FLY FISHING

Liability & Resolution

- Incident witnessed via FaceTime by his girlfriend
- Notice
 - Lineman at last inspection claims he called engineering, no record of the call
 - Property owner called about moving the line, but quoted cost was prohibitive
 - Line superintendent who inspected this line 6 times in the 10 years preceding told us "line had been low for a long-time and this is keeping him up at night"
- Utility's linemen responding to the scene all agreed that the line clearly looked too low
- A lawsuit was filed alleging negligence, negligence per se and punitive damages
- Our own expert concluded that the line was out of code
- Fast tracked a mediation, so to limit discovery
- This matter settled at mediation for a confidential amount





ELECTRIC CONTACT – FLY FISHING

Learned Learned

- NESC 214.A states that lines and equipment shall be inspected at such intervals as experience has shown to be necessary. Lines or equipment with recorded conditions or defects that would reasonably be expected to endanger human life or property shall be promptly corrected, disconnected, or isolated.
- The clearance issue should have been discovered during the engineering review for the fiber optic cable attachment and when the insured's line crew replaced a pole on one side of the span.
- Adequate processes should be in place to manage the property owner inquiry. This includes documentation of the call, the investigation, and resolution of reported field conditions that could affect public safety.
- This incident highlights the importance of public safety and awareness (PSA) programs for schoolchildren and the general public.



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