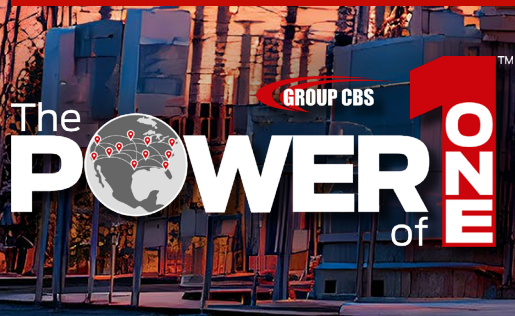




Going the Distance for Arc Flash Safety

Adding Safety to Your Electrical Distribution & Transmission Equipment with Remote Operations



What CBS ArcSafe Can Offer

- 1000 + Unique Items
- Industry leading number of remote solutions for switchgear dating back to the 1940's
- From 10A molded case circuit breakers up to 38kV load break switches, close/trip options, charge/close/trip options, we can operate remotely what you have in service today
- Options to operate from 25' and up to 300' away with line of sight to switchgear



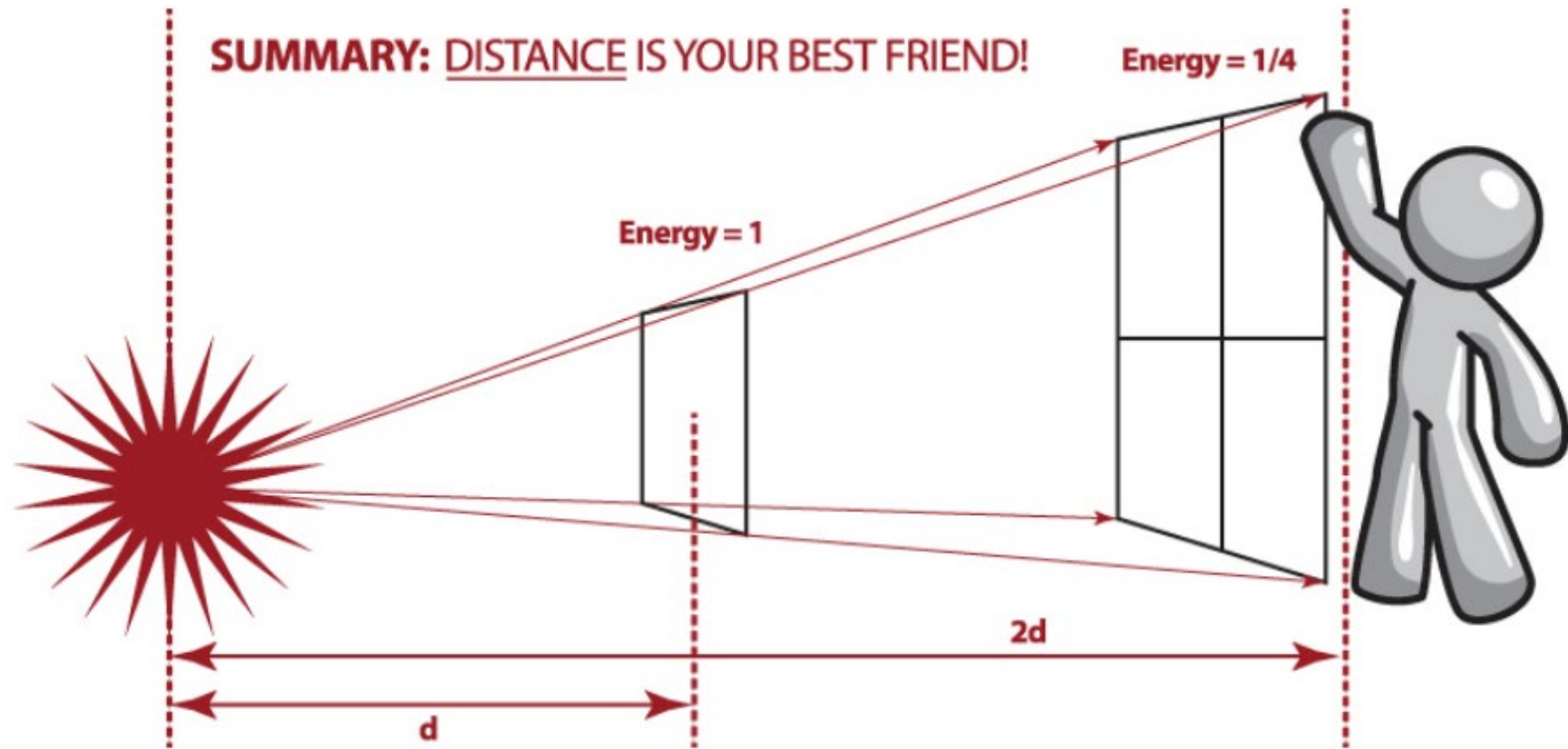


SAFETY

ARC FLASH HAZARD ZONE

DANGER

CBS ArcSafe – Isolating Personnel from Arc Flash Hazards



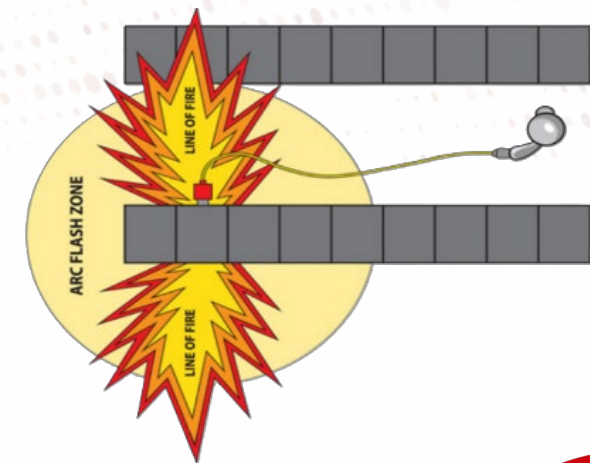
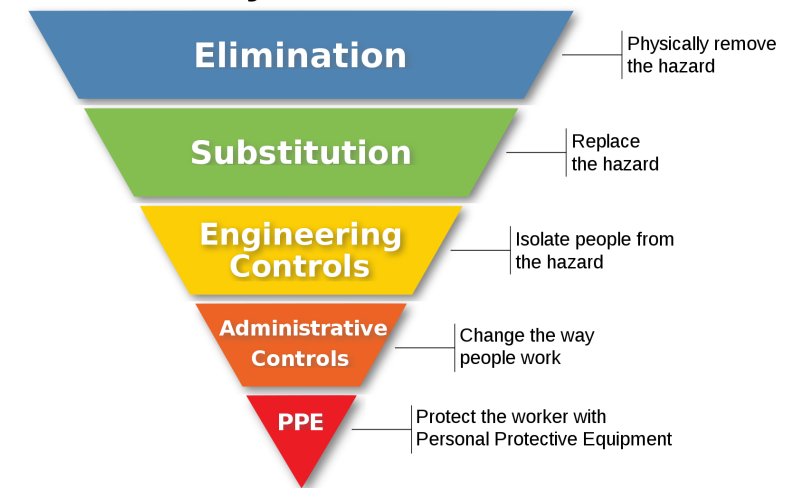
Finding Solutions to the Problem

Ideal for:

- Commissioning new equipment
- De-energizing & re-energizing
- High incident energy
- Isolating switchgear & select equipment in critical systems
- NFPA 70E compliance
- Where normal operating conditions aren't present
- Equipment is portable, user friendly & require no modifications for 99% of our applications

Most effective
Least effective

Hierarchy of Controls



CBS ArcSafe Demo Capabilities On-Site

- Product Specialists drive vehicles with demonstration capabilities for a handful of products
- Shown here is our 2023 Sprinter Van with capabilities of 480V MCC, LV ACB, MV VCB, MCCB & more
- Product Specialists are always on the road in their respective territories to assist end-users with training, site evaluations, troubleshooting & other needs

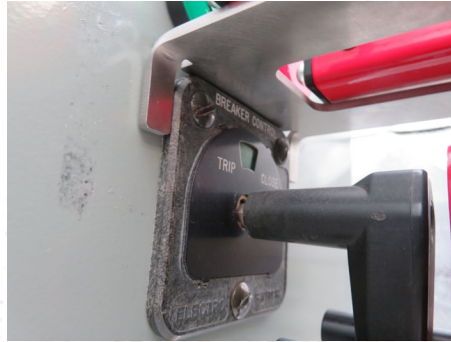


“RSK” Products

- “Remote Switching Kit”
- One line-item purchase which provides all pieces necessary for remote operations
- Comes in 30’ or 50’ corded lengths & can be used wirelessly in select applications.
- Most Economical option on select breaker types* (Close/Trip Only)
- Includes motor, handheld controller & hard plastic carrying case to keep all items together and ready for operations
- <https://www.youtube.com/watch?v=h7i9p8DusYY&t>

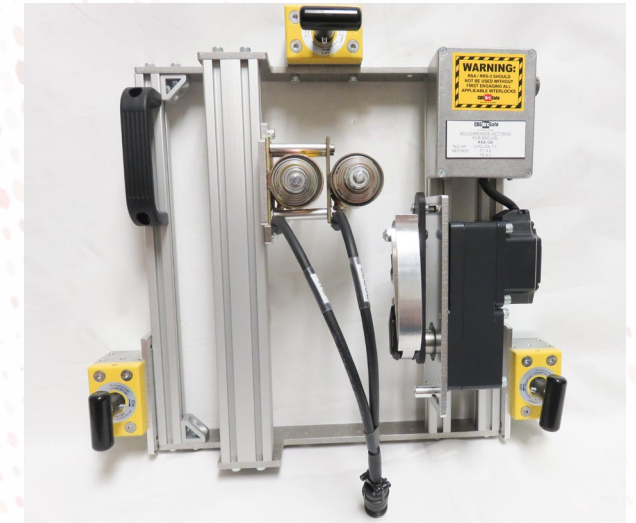


Chicken Switch Hitter



“RSA” Products

- “Remote Switch Actuator”
- Over 400+ Unique products with this designation
- Devices can operate Close/Trip and Charge/Close/Trip applications
- Requires an RSO-I AR or RSO-III D Operator to provide power and controls
- Devices are designed to work around your specific equipment as to be installed quickly with no downtime or switchgear modifications needed to use
- <https://www.youtube.com/watch?v=jSy sqNGV1qM>



“RSO” Products

- “Remote Switch Operators”
- RSO-IAR-M18 covers Close/Trip operations.
- RSO-IIID-M18 covers Charge/Close/Trip operations
- RSO-IV-M18 covers Remote Racking operations with almost all RRS-3 products
- Devices are now powered by Milwaukee M18 RedLithium Ion batteries to increase portability and charging efficiency
- These Operators can be equipped with Radio Remote functionality for use up to 300’ away with line of sight



“RRS” Products

- “Universal Remote Racking”
- Devices are designed to rack numerous styles of switchgear with separate tools/attachments with the same base unit
- Devices can rack Rotary (RRS-1/4), Extraction (RRS-2), and MCC type switchgear (RRS-2BE)
- Using our patented Current Control Module (CCM), we can see a real time reading of the amperage needed to rack the breakers
- Safety features include torque limiter, CCM Module, Current alarm and light
- These devices can either be supplied with Radio Remote as a standard option or be sold with 35’ pendant options
- <https://www.youtube.com/watch?v=f6vTI3YK574>



RRS-1



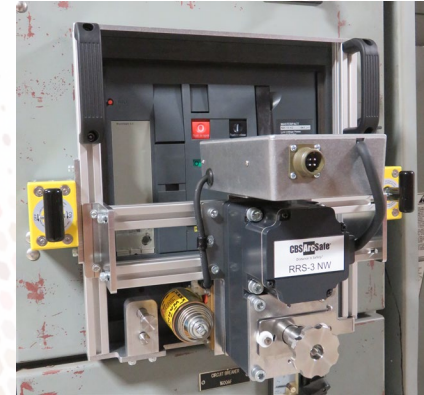
RRS-2



RRS-2BE

“RRS-3” Products

- “Remote Racking Specific”
- Devices are designed to rack a particular style of gear: DS/DS II, Masterpact NW, Magnum DS, etc..
- Devices are designed to work across multiple frame sizes, vintages when possible
- Torque readings and settings are installed on these devices as not to damage or over-torque the gear. Select devices come corded with video capabilities built in
- These devices can either be supplied with Radio Remote (up to 300’) as a standard option or be sold with 30’ or 50’ corded options
- Milwaukee M18 Powered
- <https://www.youtube.com/watch?v=f6vTI3YK574>



Thank you!

Eric M. Fell

Strategic Sales Executive – Utility
Sector

203-695-7283 | efell@GroupCBS.com



1945 Masch Branch Road, Bldg. 3 | Denton, Texas 76207

972-250-2500 | GroupCBS.com

