2025 – 7.2kV Single Phase Insulator Change

Event: Simulated 7.2kV energized, rubber gloves / Tie stick required

Drop Dead Time: 25 minutes

Event Summary:
The purpose of this event is to change out a single pin Tie Top insulator using a tie stick to untie the insulator and move the wire to a temporary fiberglass arm that is already installed. Replace with a Vice top insulator. The primary conductor will be 1/0 AAAC secured on the top of a pole top pin. This is a team event requiring two climbers to perform the work on the pole.

Event Description:

1. Teams will be given 5 minutes set up time for questions. Fall arrest must be properly adjusted and rubber gloves checked during this time.
2. Time starts on the judge's signal with fall arrest system attached to the pole if desired.
3. The team will be provided with a new 15 kv Vice top insulator.
4. Neutral and neutral clevis must be covered before ascending above.
    - Neutral may be floated but must be properly covered.
5. Phase conductor and insulator must be completely covered.
    - One piece of line cover on each side of the insulator.
    - The Pin must be covered with a blanket or split blanket.
6. Phase conductors must be secured into the temporary fiberglass arm that has already been installed.
7. Time will stop when both climbers have both feet on the ground.
8. All general rules apply.