



2018 4kV Jumper Replacement Chief Judge: Cody Raveling (Journeyman Event)

Mean Time: 18 minutes.

Drop Dead Time: 22 minutes

Event Summary:

This event will require the team to change out both primary jumpers energized on a 4 kV double dead end on an 8' fiberglass arm construction. Constant continuity must be maintained. The primary conductor size will be 1/0 ACSR. The primary jumpers to be replaced will be #4 bare solid copper tied to a polymer pin type insulator with #8 bare solid copper. The jumpers will be connected to the primary with hot line clamps. Teams will replace the jumpers, Insulator pins, and pin type insulators.

Event Specifications

1. Teams will be allowed 5 minutes to set up and ask questions.
2. Time starts at judge's signal.
3. Climbers must wear class II or higher rated rubber gloves ground to ground.
4. The neutral (both sides & clevis) must be covered.
5. Continuity must be maintained by using approved rubber jumpers.
6. Primary must be covered when replacing jumpers. MAD must be maintained.
7. All permanent connections shall be wire brushed.
8. All material must be sent up and down the pole using the hand line and in bags.
9. Time stops when both feet of the last climber are on the ground and all material is broken down.

Materials provided:

- Jumpers
- Hot line clamps
- Polymer insulators
- Insulator pins