

## Journeyman Event – **Down Primary**

Event Time: 6 Minutes

Drop Dead Time: 9 Minutes

This event consist of repairing a down single phase line. The primary conductor will be broken at mid span with both ends lying on the ground. A new section of conductor must be attached using an automatic sleeve. The conductor must be sagged equivalent to the neutral and dead-ended using an automatic termination. There will be three different work locations: Pole #1, Pole #2, and the splice area. (See the event diagram)

1. Teams will be allowed a 5-minute set-up time.
2. The conductor must be grounded on the source side (pole #1) of the break. The climber will install a grounding bracket below the neutral. A ground jumper must be installed from the bracket to the grounded neutral and a separate jumper must be installed from the neutral to the primary. The primary must be tested for de-energized prior to grounding. The primary ground must be applied utilizing a shotgun stick. The judge must be notified when line is grounded.
3. An automatic sleeve splice will be used to repair the conductor and rubber gloves are required when making the splice. All permanent connections must be brushed.
4. A strap/band hoist and insulated stick must be used to sag the conductor at pole #2. The conductor tail must not make contact with any part of the climber's body that is not protected by rubber goods.
5. Time starts at judge's signal.
6. Climber's must wear class II or higher rated rubber gloves ground to ground.
7. Groundman must wear class II or higher rubber gloves while touching the conductor.
8. Handlines must be operated by the groundman.
9. Proper grounding and rigging techniques must be used.
10. Time stops when grounds are removed and all tools and equipment are on the ground, both climbers are belted-off below the neutral and the team informs the judge that the conductor is repaired. Teams must return the event site back to its original condition for the next team. Judging will continue until the team exits the event site.

# Down Primary





