

## Secondary Wire Replacement for Open Wire Secondaries

Chief Judge: Buck Lovell, Ocala Electric Utilities

Mean Time: **10 minutes**

Drop Dead Time: **13 minutes**

### Event Summary:

This event will consist of replacing the riser wires from the transformer to open wire secondaries. Competitors must climb the pole and replace both hot legs and neutral with the precut wire that will be provided. The competitor must open the cutout to the transformer prior to ascending the pole and close it from the ground to complete the event.

### Event Specifics:

1. Apprentices will have 5 minutes to set up in the designated work area. Climbing tools must be laid out at least an arm's length from the pole with the fall arrest detached.
2. Time starts at the judge's signal.
3. Competitor will open the cutout, fully retract the extendo, and place it on the tarp or a designated area before tooling up. You must hot stick the ring when opening/closing
4. Rubber gloves shall be worn from ground to ground.
5. Leather gloves shall be worn for work on the ground (including using extendo)
6. The competitor must carry a handline and shall secure the handline to the pole when the competitor gets into a working position.
7. Wire brush shall be used on permanent connections.
8. The transformer will be mounted on the 1/8th of the pole.
9. New wire will be provided to the competitor and must be utilized. It will be #2 service wire.
10. Handline shall be railroaded before dropping it out and descending the pole.
11. New parallel groove clamps will be available, however the competitor may utilize the connectors that are in place on the wire.
12. Time stops when the competitors on the ground and closes the cutout.

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**OCALA ELECTRIC UTILITY STANDARDS**

