

## Polymer Bell and Fuse Change Out

Chief Judge: Chris Henry, New Smyrna Beach Utilities

Mean Time: **8 minutes**

Drop Dead Time: **11 minutes**

### Event Summary:

The apprentice will climb a 40' pole with a single phase #2 alum. double dead ended primary, 100 amp cutout on a t-bracket and a #2 aluminum neutral. This is a de-energized event, not grounded. Class 2 rubber gloves are required ground to ground. Protective cover is not required for this event, however, incidental contact with conductor is not allowed. The apprentice will climb to the neutral and open the cutout (an 8' switch stick will be hanging at the neutral) before transferring over the neutral. Sometime during the event the fuse must be changed. The nut and cap on the fuse door must be tightened properly. The apprentice must also change out the load side polymer bell. **A 3/4 ton or greater strap hoist and rated link stick must be used.** Once below the neutral, after changing the polymer bell, the fuse door shall be closed back in.

### Event Specifics:

1. The apprentice will have a 5 minute set up time.
2. Time starts at the judge's signal with the apprentice standing an arms length from the pole.
3. Handline must be in service while any work is being performed.
4. All rigging equipment and material must be pulled up in the nose bag (new fuse link may be carried in competitor's ditty bag)
5. All proper rigging procedures must be followed.
6. Must be pinned so both cotter keys are facing the cutout.
7. Connections must be brushed and the conductor where the distribution grip will be placed.
8. Any tools and/or hardware dropped will be sent back up by the judge and scored accordingly.
9. Time stops when the apprentice has both feet on the ground.

### Tools Provided:

- New fuse link
- 35kV poly bell
- 8' switch stick

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