

## 2026 Fiberglass Crossarm Changeout - Team

Mean Time= 16 minutes    Dead Time= 22 minutes

Event Description: The purpose of this event is to change out a single 8' fiberglass crossarm on a C1.11L. The conductor will be tied in using preform wrap lock ties. Teams will follow proper clearance procedures throughout the event. The line will be simulated with a visual open at the take-off. Participants must test and ground all conductors. Grounds shall be placed neutral to phase, then phase to phase, and phase to phase. The pole shall be considered energized until tested and grounded. Participants can wear leather gloves when achieving an equipotential zone and use insulation (rubber gloves) when the zone cannot be achieved.

### Basic Outline:

1. All poles must be sounded before climbing
2. All tools and material will be located on a tarp outside the event circle
3. Linemen may begin the event with climbing tools on, but may not rig any ropes or material until time starts
4. Time starts with Ready, Set, Go from the judges
5. The line will be simulated open and tagged at the feed
6. The team will first test for voltage on conductors
7. Next, the team must ground all conductors
8. Rubber gloves must be worn by climber(s) until the grounds are placed
9. The team can then untie the conductors
10. The crossarm will be removed and sent to the ground
11. A new crossarm will be sent up, saddle pins will be on the new arm located on the tarp
12. Crossarms must have 2 rigging points (1 at each end of arm) when being raised or lowered
13. After the new arm is mounted, conductors can be re-tied on insulators using new preform ties
14. After conductors are secured on insulators, grounds can be removed, and climber(s) can descend down the pole
15. Time will stop after the last climber has touched the ground and all material is back on the tarp

### Possible Deductions:

1. Any general rules infraction
2. Failure to use hot sticks to apply/remove all ground connections (2 pt.)
3. Failure to test for voltage before grounding (10 pt.)
4. Handling wire without rubber gloves when there is no equipotential zone (10 pt.)
5. Walking outside each pole area with Gaffs unguarded (2 pt.)

6. Failure to achieve two rigging points on the arm when raising or lowering (2 pt.)
7. Improperly installing preform tie (2 pt.)
8. Work happening while a climber is ascending/descending the pole

#### Equipment provided

1. New cross arm
2. Saddle pins and insulators
3. 3 ground chains
4. New preform ties

#### Tools needed

1. Hand tools
2. Handlines
3. 8' Shotgun sticks (max. 2 allowed)