

# 2025 Power Line Competition

## FACT SHEET

### Project Manager

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For questions relating to the power line competition contact Daron Hanson at [dhanson@cianbro.com](mailto:dhanson@cianbro.com). For all event questions contact Jarrell Jackson, National Craft Championships director, at (202) 595-1789 or [jackson@abc.org](mailto:jackson@abc.org).

### Specific Competition Eligibility

The power line competition requires competitors to climb and perform work on poles. They will also be utilizing tools and industry knowledge to safely complete other tasks during the competition. Competitors must be able to demonstrate that they have acquired these skills in order to safely participate in the competition. Please refer to overall eligibility requirements for all additional requirements.

### Written Exam

Competitors will have one (1) hour to complete the 50-question exam. Every competitor should thoroughly understand the craft in which he/she is registered. All exams/tests are based on the standardized craft training process. In addition to the knowledge and skills required for each competition, all competitors should have completed the NCCER Core Curriculum modules. All competitors must sit for the exam or face disqualification from the NCC. The written exam makes ABC will provide pencils, scratch paper, and a calculator for mathematical problems (if necessary). Scientific/graphing calculators and loose notes are prohibited. No reference materials are permitted. *Please refer to the 2025 NCC Guidebook for more details.*

### Practical Performance Test Description

Each competitor will rotate through three workstations. Each competitor will have two hours to complete assigned tasks, utilizing knowledge and skills at each station. Unsafe behavior will disqualify a competitor from completing a task. Each activity will require a competitor to read and interpret drawings and specifications, build as per specs and demonstrate a basic knowledge of distribution systems and equipment.

### Task #1: Structure framing on hooks

Competitors will frame out a 15-foot structure as per standard drawings, which will be issued before the start of competition.

### Task #2: Wiring 3-phase transformer banks

Each competitor will wire a three-phase transformer bank and associated equipment for the configuration assigned per standard drawings. The transformers will be mounted approximately six feet from the ground, work will be done from the ground or small elevated platform.

### Task #3: Terminating medium voltage cable and connecting riser to aerial line

Each competitor will terminate medium voltage cable on bottom end of riser and make up a high-side termination and land and tie into aerial line according to given specifications. The riser will be mounted on a 6-foot pole, all work will be done from the ground, r



## Sample Score Sheet

The following sample score sheet is provided to give competitors an **example** of the criteria

