



Girl Power Event Descriptions - Palmyra

Fiber:

Come see how the internet stays connected! At the Fiber Splicing Station, you'll watch how tiny glass fibers — thinner than a strand of hair — are carefully joined together to help carry data for things like streaming, texting, and gaming. Learn how technicians use special tools to connect these fibers and keep communication systems running smoothly. It's a behind-the-scenes look at the technology that powers the digital world around you!

Climbing:

Step into the boots of an overhead lineman and try climbing a real power pole! Learn how linemen safely work high above the ground to maintain the electrical grid. You'll get to see the safety gear, try on climbing equipment, and even give it a try yourself!

Bucket Truck:

Get an up-close look at the big trucks that help keep the lights on! In this station you will learn how bucket trucks are used to safely reach power lines and perform maintenance high off the ground. You'll learn how the equipment works, what it takes to operate one, and how linemen stay safe while working with electricity.

Smurf Poles:

Step into the role of a lineworker at the Smurf Poles Station! Try on real rubber gloves and protective sleeves used to safely handle electrical equipment. Learn how to tie lines like a pro and use crimping tools to connect wires — just like the crews who keep our power on. This hands-on station gives you a feel for the skills, tools, and safety gear lineworkers use every day.

Pole Work:

Step into the world of linework at this two-part station!

In **Part 1**, learn how lineworkers use *hot sticks* — long, insulated tools — to safely open and close electrical cutouts on live power lines. See how they control high-voltage equipment without ever touching it!

In **Part 2**, get hands-on experience using a powerful drill to make holes in utility poles, just like line crews do when installing equipment or running new lines. It's a great way to see the tools, safety, and skill involved in keeping our communities powered up.

Locate:

Have you ever wondered how workers know where underground utility lines are before they start digging? At this station, you'll get to learn how! Technicians use special tools to “locate” lines that can't be seen from the surface. Once they find where a line is, they mark its location on the ground so workers know where it is and can avoid accidentally damaging it. You'll learn how these tools work, practice locating a hidden line, and see why marking underground utilities is an important step in keeping workers and the community safe.

Technical Services:

Here you will see how Meter Technicians test and install electric meters to ensure that electricity use is measured and billed correctly. You will also see how System Operators work behind the scenes monitoring, operating, and controlling the flow of electricity. Finally, you will learn how Substation Technicians use infrared thermography to safely locate system “hot spots” to prevent possible system outages and improve system reliability. You will discover how training, technology, problem-solving, and teamwork come together to keep the lights on!



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Floater:

Floater serve as flexible support volunteers, moving between areas as needed to provide assistance, fill gaps, and help keep operations running seamlessly.

Group Leaders:

Group Leaders guide students through the event, escorting them between stations, ensuring their safety, and helping them engage with hands-on utility industry activities. They also share insights from their own career journey to inspire future energy professionals.

Vendor Booths:

Vendors represent industry organizations, colleges, technical schools, apprenticeship and workforce development programs. They engage with students by answering questions, sharing information about programs and careers, and helping them understand the steps they can take to pursue opportunities in the utility industry.