

# Vocabulary List



## **ELECTRICITY**

The flow of an electric current.

## **LINEMAN**

An individual, referred to as a lineman, that is trained to repair and maintain power lines.

## **PERSONAL PROTECTIVE EQUIPMENT**

PPE (Personal Protective Equipment) is clothing and gear that is designed to protect the wearer from electric shock.

## **HARDHAT**

A protective hat made from fiberglass or plastic.

## **BUCKET TRUCK**

A truck that is equipped with an extendable, hydraulic boom that carries a large bucket to allow workers access to equipment elevated from the ground.

## **SAFETY GLASSES**

Glasses or goggles worn to protect your eyes.

## **ARC**

A visible transfer of electricity from one point to another, usually looks like a blue/white flame.

## **RUBBER SLEEVES**

A special type of rubber protectors worn on your arms to protect against electric shock.

## **HOT STICK**

An insulated fiberglass tool that is used by linemen to distance themselves from energized equipment. This tool acts as an extension of their hands.

## **POLE**

A tall wood or steel cylinder.

## **METER BASE**

A metal box where a meter is mounted. A meter is a device that measures the electricity that is used in your home.

## **TRANSFORMER**

A device that transforms one voltage level to another.

## **VOLTAGE**

A difference in charge between two points of a circuit.

## **FUSE**

A device designed to fail, interrupting the electrical circuit when a fault or overload occurs.

## **SAFETY**

The state of being safe; free from a situation that can cause harm or injury.

## **PHASE**

An energized wire connected to a source of electricity.

## **ENERGIZED**

A state of being electrically charged.

## **NEUTRAL**

A conductor used to balance voltage.

## **GROUND**

Directly connected to the earth.

## **INSULATOR**

A device that doesn't conduct electricity. Types of materials that insulate include glass, rubber and polymer.

## **RECLOSER**

A mechanical or electronic device that can interrupt a circuit if a fault occurs and automatically restore the circuit if the fault is able to clear itself.

## **UNDERGROUND**

Anything below the surface of the ground.

## **VOLTS**

A measurement of usable energy between two points or potentials.

## **POWERLINES**

Wires that carry electric power.

## **OUTAGE**

An interruption of the flow of electricity to a consumer.

## **BUSHINGS**

An insulated device that an energized conductor passes through.

## **FAULT**

An electrical short that interrupts the flow of electricity.

## **CONDUCTOR**

A device that conducts electricity. Types of materials that are conductors include metal, wood and mylar balloons.

Dictionary.com

Merriam-Webster online

Homesteady.com

Yourdictionary.com

Safeopedia.com