

ELECTRICAL SAFETY



Step and Touch Potential

Always stay away from low or downed powerlines.
Always assume they are **LIVE** - meaning **energized**.



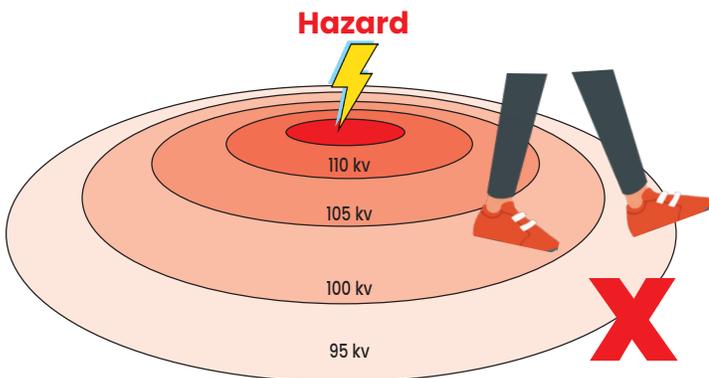
30 FEET is the minimum safe distance - about the length of a school bus.

Step Potential Hazard - Step potential is the voltage between the feet of a person standing near an energized grounded object. The hazard occurs when two points of contact (like your feet) are in different voltage zones. Voltage values that are equal do not pose the same danger.

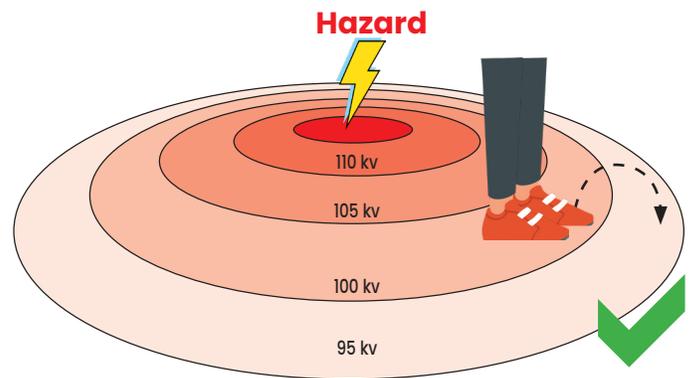
If you are **near** an **electrical hazard**, it's **best to stay put until help comes**.

If you are in **immediate danger**, for example near a fire, and **must move**...

NEVER WALK or RUN AWAY



SHUFFLE or HOP to safety

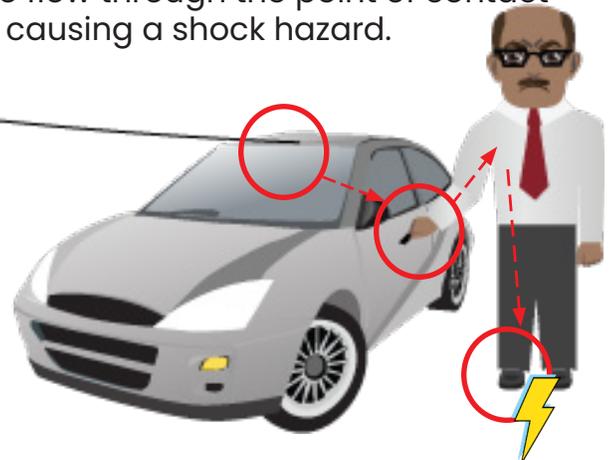


kv=kilovolt



Touch Potential Hazard - Touch potential is the difference in voltage between the energized object and the person in contact with it. The difference in voltage causes the current to flow through the point of contact and into the ground causing a shock hazard.

For example, if an overhead conductor falls on a car, and a person touches that car, current could pass from the energized car through the person to the ground.



Liberty

For gas & electric safety information visit www.libertyutilities.com.