

Crane safety near power lines



Safe operation of a crane or other machinery is a matter of life and death. It's also required by law.

Because Kansas City Power & Light cares about your safety, we want to make sure you know how to be safe when working with cranes near overhead or underground power lines. We also want you to know what to do if a crane comes into contact with a power line.

Please read this life-saving information carefully and share it with anyone who operates or works around cranes or other machinery.

Plan Ahead to Stay Safe

Before you begin work on a job site:

- **Call the hotlines.** The law requires that you notify all affected utilities at least two working days before you begin work that involves excavation.



Utilities sponsor special "one-call" underground hotlines. These services notify all affected utility companies in your area to mark the approximate location of underground lines within a few days. Once your lines are marked, you can dig safely. You can call either the national hotline, which will connect you to the One-Call Center in your area, or your state's One-Call Center.

National: 811

Missouri: 1-800-DIG-RITE (344-7483)

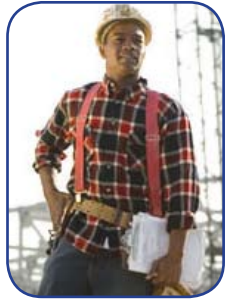
Kansas: 1-800-DIG-SAFE (344-7233)



Know what's below.
Call before you dig.

- **Notify the local electric utility** before you begin any digging that could come near, damage or affect the stability of power poles.
- **Survey the job site in advance.** Check the location of overhead lines. If any machinery, equipment or work will be within 10 feet of any overhead lines, you must contact KCP&L at least three working days in advance. This notification is necessary to ensure your safety and is required by law. We'll take steps to protect your workers and our equipment.

- **Schedule a brief safety meeting** at the beginning of each day to remind workers about working safely around both underground and overhead lines.



- **Always assume power lines are energized.** Even though some power lines appear to be insulated, never touch an overhead line or allow anything you're holding to contact one. A deadly amount of electricity can flow through any metal or other conductive materials – sometimes even wood.
- **Use spotters, signs, barricades** and other safeguards at the job site to remind workers to pay attention to power line locations and potential contact.

What to do in an emergency

If a crane or other machinery contacts an energized power line:

- **If there is an injury or fire, call 911.**
- **Keep everyone away** from machinery, equipment or material that contacts a power line or a downed power line. It could be electrified and dangerous.
- **Do not touch any person** who is in contact with electrified equipment or a power line.
- **If you're in or on equipment that has contacted a power line,** avoid leaving it until contact with the power line is broken.
- **If you must leave equipment that has contacted a power line,** jump away from it, making sure that you do not touch the ground and any part of the equipment at the same time. Then walk slowly away from the area, "shuffling" your feet to keep both in contact with the ground.

- **Call the local electric utility immediately** to report what's happened after all people are out of harm's way and injured persons are receiving first aid and treatment. Call 911 if injury is involved.
- **In the event of an electrical fire**, call 911 immediately. ***Do not use water to extinguish an electrical fire. If available, use a CO₂ or dry chemical extinguisher.***

Numbers to keep handy

For medical assistance, fire or persons trapped inside an energized vehicle **911**
Metropolitan Kansas City (816) 471-5275
Toll-free: 1-888-471-5275

