

## WHY CHOOSE A CO-OP CAREER?

- Local, community-focused organization
- Dynamic and exciting industry
- Competitive wages and excellent benefits
- Challenging roles where every day is different



[carrollecc.com/careers](http://carrollecc.com/careers)



**3**  
WAYS TO BEAT  
THE HEAT *AND*  
SAVE ENERGY



**1** Instead of cranking up the A/C, use ceiling fans to make rooms feel a few degrees cooler.



**2** Delay heat-producing chores like running the dishwasher or doing laundry until the evening hours.



**3** Keep blinds and curtains closed during the day – especially for east- and west-facing windows.

# Understanding Power Surges and Blinks

Have you ever noticed your lights blink during a thunderstorm? Or perhaps you've noticed a blinking microwave clock when you arrive home from work. When this happens, you've likely experienced a brief disruption to your electric service, which may have resulted from a temporary power outage or blink. While blinks are often called surges, they are two completely different things.

## What's a power surge?

Power surges are brief overvoltage spikes or disturbances of a power waveform that can possibly damage or destroy electronic equipment within your home or business. Most electronics are designed to handle small variations in voltage; however, power surges can reach amplitudes of tens of thousands of volts, which can be damaging to your electronic equipment. Surges can be caused by internal sources, like HVAC systems with variable frequency drives, or caused by external sources, such as lightning strikes.

You might consider installing surge protector power strips to safeguard your sensitive electronics. If you're experiencing frequent surges in your home or business and you believe the cause is internal, contact a qualified electrician to inspect your electrical system.



## What's a power blink?

Power blinks are brief service interruptions, but they're typically caused by a fault (short circuit) on a power line that activates a protective device. Faults can occur through a variety of instances, like squirrels, birds, or other small animals contacting an energized power line, tree branches touching a power line, lightning strikes, or other similar events.

Any of those events can cause your power to blink. Believe it or not, these brief power blinks caused by protective devices are actually a good thing because that means the equipment is working as it should to prevent a prolonged or sustained outage.

Regardless of the issue, Carroll Electric crews will be on their way to investigate the cause of any power outage and make necessary power line repairs. And you can help too! Any time you experience repeated disruptions to your electric service, please let us know by calling 1-800-432-9720 or visiting [carrollecc.com](http://carrollecc.com).