

Surge and Protect

A POWER SURGE, OR TRANSIENT VOLTAGE, IS A SUDDEN AND UNWANTED INCREASE IN voltage that can damage, degrade or destroy sensitive electronic equipment in your home or business.

The National Electrical Manufacturers Association estimates that 60%–80% of surges are created within a building, such as when large appliances, like air conditioners, turn on and off. Far less common are surges that originate from an electric utility during power grid switching. The most powerful surges can be caused by lightning.

A spike in voltage can be harmful to electrical devices in your home if the increase is above a device's intended operating voltage. This excess voltage can cause an arc of electrical current resulting in heat that damages electrical components. Repeated small-scale surges may slowly damage your electronic equipment and shorten its life span.

Surge Protection Options

Consider protecting your devices and appliances with surge protection. Several levels of protection are available to consumers.

Point-of-use surge protectors protect only the items that are directly plugged into the device. They do not suppress or arrest a surge but divert the surge to ground. Use point-of-use surge protectors that have an indicator light or audible alarm that alerts you when the surge protector needs replacement.

Service entrance surge protection devices are mounted in or on your main electrical panel or at the base of the electric meter and provide protection for your entire electrical system. These devices cover components that cannot be connected to a point-of-use device, such as outlets and light switches.

Power strips do NOT provide surge protection. Be sure you are relying on the appropriate device for protection. And remember, power strips and surge suppressors don't provide more power to a location, only more access to the same limited capacity of the circuit into which it is connected. Be careful not to overload the circuit.

Unfortunately, no surge protection device can handle a direct lightning strike. The best way to gird against surges caused by storms is to unplug devices.

Has Any of Your Contact Info Changed?

- ▶ Mailing address
- ▶ 911 service location address
- ▶ Phone number
- ▶ Gate combination
- ▶ Email address

If any of the above information has changed for you, contact Navarro County Electric Cooperative at (903) 874-7411 or 1-800-771-9095, ext. 125 or ext. 131. Providing NCEC with your most up-to-date contact information will help us serve you better.



RECIPE OF THE MONTH



NOIRCHOCOLATE | ISTOCK.COM

Cindy's Marinated Mushrooms

- 1 pound button mushrooms
- 2 red bell peppers
- 1 bunch green onions
- 2 tablespoons minced fresh basil
- 1 tablespoon minced fresh parsley
- 1 clove garlic, finely minced
- 1 teaspoon black pepper
- ¼ cup olive oil
- ⅓ cup soy sauce
- ⅓ cup red wine vinegar

1. Chop mushrooms, bell peppers and green onions (including tops) into 1-inch pieces. Place in a large bowl with a lid that seals, leaving the bowl uncovered. Add fresh herbs, garlic and pepper, and mix well.
2. In a separate bowl, whisk together olive oil, soy sauce and vinegar. Pour over mushroom mixture. Seal bowl. Turn over several times to coat vegetables.
3. Refrigerate at least 2 hours, turning once or twice.

COOK'S TIP Serve this umami-infused dish as a side, part of an antipasto platter or atop a burger or salad.

Find this and more delicious recipes online at
TEXASCOOPPOWER.COM

5 STEPS FOR SAFE DIGGING

Working on an outdoor project? Careless digging poses a threat to people, pipelines and underground facilities. Always call 811 first. Here are five easy steps for safe digging:



**Know what's below.
Call before you dig.**

1. NOTIFY

Call 811 or make a request online two to three days before your work begins. The operator will notify the utilities affected by your project.

2. WAIT

Wait two to three days for affected utilities to respond to your request. They will send a locator to mark any underground utility lines.

2-3

3. CONFIRM

Confirm that all affected utilities have responded to your request by comparing the marks to the list of utilities the 8-1-1 call center notified.



4. RESPECT

Respect the markers provided by the affected utilities. The markers are your guide for the duration of your project.



5. DIG CAREFULLY

If you can't avoid digging near the markers (within 18-24 inches on all sides, depending on state laws), consider moving your project location.



**NAVARRO COUNTY
ELECTRIC COOPERATIVE**

A Touchstone Energy® Cooperative

SOURCE: CALL811.COM

Navarro County Electric Cooperative

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Corsicana, TX 75151

*Operating in Ellis, Freestone, Hill,
Limestone and Navarro counties*

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Contact Us

*For information during office hours
and outages after hours*

CALL US

(903) 874-7411 local or
1-800-771-9095 toll-free

EMAIL

msdept@navarroec.com

FIND US ON THE WEB

navarroec.com

OFFICE HOURS

Monday-Friday, 8 a.m.-5 p.m.

CONVENIENT WAYS TO PAY YOUR BILL

navarroec.com

smarthubapp.com

1-855-385-9975 to pay by phone

We no longer take payments over the
phone at the office.

TEXAS CO-OP POWER
CELEBRATING 75 YEARS