



# Surge Guard<sup>®</sup>

*Protection against indirect lightning and harmful surges.*



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York, South Carolina 29745

**York Electric Cooperative, Inc.**

Your Touchstone Energy<sup>®</sup> Partner 

# *First Stage Surge Guard® Provides An Additional Line Of Defense Against Occasional Surges for Electromechanical Equipment*

## **What Is Surge Guard?**

As your electronic equipment becomes more complex, the need to protect them from harmful voltage surges becomes more important. The delicate chips used in many of today's appliances are vulnerable to surges that you cannot detect. For this type of sensitive equipment, second stage indoor devices are recommended.

## **Why Do I Need Surge Guard?**

York Electric already has lightning and surge protection built into its system to guard against most voltage surges caused by birds, animals or trees contacting power lines, accidents involving utility poles, lightning storms and other disturbances. Even with this protection, however, an occasional voltage surge can reach your home, and your unprotected electrical and electronic equipment may be at risk.

With many Surge Guard options to choose from, you can customize your level of protection to meet your needs. Our First Stage units attach at the meter base to give your home a primary level of protection from power line surges. Other Surge Guard options feature second stage protection. Because surges can also enter your home through phone, computer modem, cable TV, satellite dish and TV antenna lines, special Surge Guard units are available for these appliances and are recommended.

## **What Can Surge Guard Do?**

Surge Guard helps prevent damage to electrical and electronic equipment by suppressing and stepping down voltage spikes and surges caused by lightning or other circuit disturbances.

## **Will Surge Guard Protect My Home From Lightning Strikes?**

Surge Guard is not a substitute for lightning rods or other devices intended to protect people and property against direct or nearby lightning strikes.

## **How Do I Know What Devices Are Best For Me?**

With so many Surge Guard options available, York Electric can tailor a protection program to fit your particular needs. And you can add additional protection as your needs change. Come by your nearest cooperative office to find out about the right protection for you.

A good ground system is essential for surge equipment to work properly.

## **What is a power surge?**

A power surge is a variation in electrical voltage caused by conditions both outside and inside your home. Over half of all power surges are created within the home when devices with motors shut off or start up, diverting energy to and from other appliances.

*For more information on Surge Guard®, contact the Cooperative office nearest you.*

CALL 1-800-582-8810 OR 803-684-4248

YORK 803-684-4247

FORT MILL 803-548-4244

ROCK HILL 803-684-4248

[www.yorkelectric.net](http://www.yorkelectric.net)

