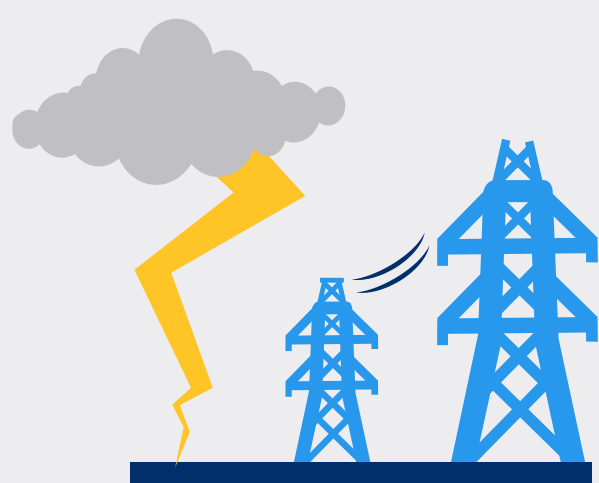


Risky Business

What You Need To Know About...



Power Surges



Large industrial customers in the U.S. lose up to **\$114 billion** every year due to undervoltage events and sags, and another **\$39 billion** from power interruptions.

The probability of your facility experiencing a power surge is **100%**.



The most practical way to protect your valuable equipment from power surges is to install a Surge Protection Device (SPD) at the main circuit breaker panel.



An electric meter SPD for your home has a **\$30 installation fee** and a **\$6 monthly** equipment lease fee.

Lightning is a **leading source of power surges**.



98% of organizations say a single hour of downtime costs **over \$100,000**.



What type of equipment is affected by power surges?

Power surges pose the greatest risk to sensitive electronic equipment in a building, including:

- Computer
- Motor Control
- Data Server
- Video Monitor
- Security System

FACT

40% of computer data loss is caused by power surges.

FACT

Power surges are so brief that they are **measured in nanoseconds, microseconds and milliseconds**.



Trivia:

What do brownouts, heat waves, thunderstorms, car accidents and squirrels all have in common?

They can all cause a power surge.



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References

Insurance Information Institute (I.I.I.), Electric Power Research Institute, Protek Devices, Electric Safety Foundation International and Schneider Electric, ReliabilityWeb, Glads Electric Cooperative, The 20