

## Chapter 16 Review: Lightning and Surge Protection

What is a surge, and how can one be caused?

What is the purpose of a static wire?

What must be done with the static wire at metal towers?

What must be done with a static wire on wood poles?

If a transmission line is underbuilt with a distribution line, what must happen to the neutral on the distribution circuit?

What is a lightning arrestors function?

How do lightning arrestors function?

What are the four classes of silicon carbide valve type surge arrestors?

Where are the different types of arrestors implemented?

What are the two main sources of voltage surge?

What is an "MOV"?

What does a piece of equipments "BIL" indicate?

What type of arrester is currently the industry standard?

How is the correct surge arrester selected for a certain application?