

Section 1 Review

Pages 1-14 Distribution Transformer Handbook, and pages 53-60 in the ELT 141 lineworker training book

1. What is a distribution transformer's primary function?
2. What is the range of primary distribution voltages?
3. What is the range of secondary service voltages?
4. What are the basic parts of a transformer core?
5. The ease with which a material can be magnetized is known as what?
6. What does the term turns ratio mean?
7. What do bushings do?
8. What does the prefix kilo mean?
9. What unit are distribution transformers rated in?
10. What are transformer taps capable of doing?
11. What are the two main causes of losses in a transformer?
12. What does the letter H designate on a transformer?

13. What does the letter X designate on a transformer?
14. What are the two configurations used to deliver three phase power that the transformer windings can be arranged in?
15. If a phase to ground voltage on a Y system is 120 volts, what is the phase to phase voltage?