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**Electrical 101 – Current Types - Chapter 2**

**Questions**

1. Which term is incorrect
  - a) Split Phase
  - b) 2-Phase
  - c) 3-Wire Single Phase
  - d) 3-Wire, 120/240 volt single phase
2. The type of current generated by power stations in the U.S. is?
  - a) Alternating Current
  - b) Direct Current
3. 60 Hertz means the voltage waveform “cycle” repeats?
  - a) Once every 60 seconds
  - b) 60 times per second
  - c) 60 times per minute
  - d) Once every 60 seconds
4. It is more efficient for utility companies to transmit 1 million watts of power at?
  - a) 1 million amps at 1 volt
  - b) 1 million volts at 1 amp
  - c) 1 million volts at 1 million amps
  - d) None of the above



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5. \_\_\_\_\_ are used to raise voltage for easier transmission & then to lower voltage for safe use?
- a) Alternators
  - b) Generators
  - c) Transformers
  - d) Distributer
6. Electrons in Direct Current flow from?
- a) Positive to negative
  - b) Negative to positive
  - c) Both from positive to negative & negative to positive
  - d) Neither positive to negative or negative to positive
7. Direct Current is changed to Alternating Current through a
- a) Converter
  - b) Inverter
  - c) Generator
  - d) Alternator
8. Advantages of Direct Current are:
- a) Reduced danger
  - b) Does not interfere with wireless devices
  - c) Does not create a humming sound in devices
  - d) All of the above

