

Concept Question 10-5: For which load configuration are (a) the phase voltages the same as the line voltages? and (b) the phase currents the same as the line currents?

- (a) The phase voltages are the same as the line voltages for the Δ load configuration with negligible transmission line resistances.
- (b) The phase currents are the same as the line currents for the Y load configuration.