

Concept Question 10-10: Can the pf -compensation method be used in single-phase circuits be extended to a three-phase source connected to a balanced three-phase load?

Yes, as illustrated by Fig. 10-14.

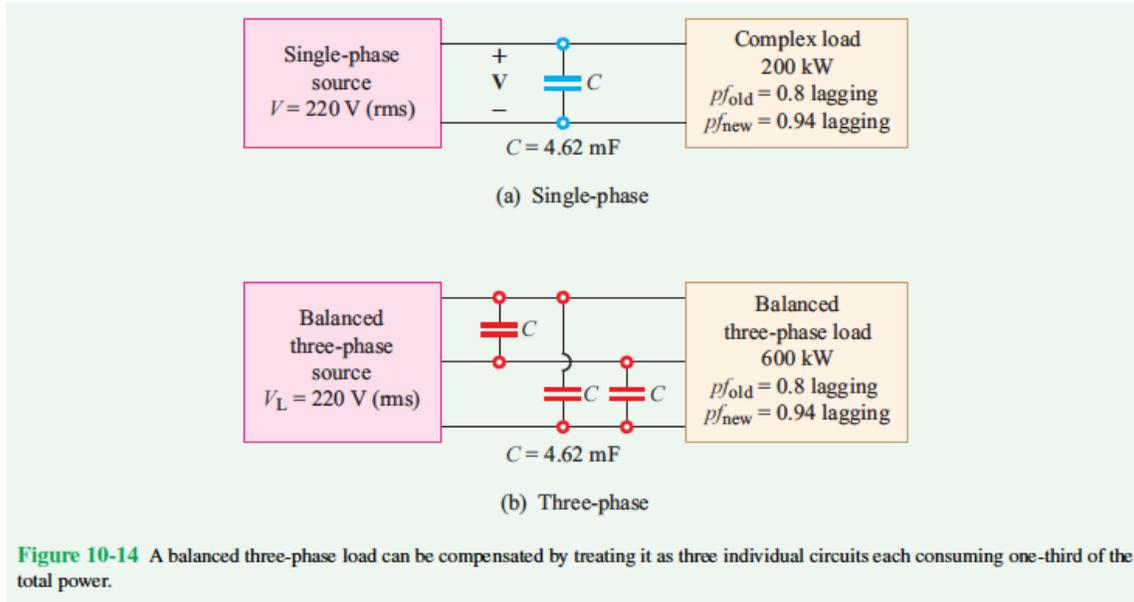


Figure 10-14 A balanced three-phase load can be compensated by treating it as three individual circuits each consuming one-third of the total power.