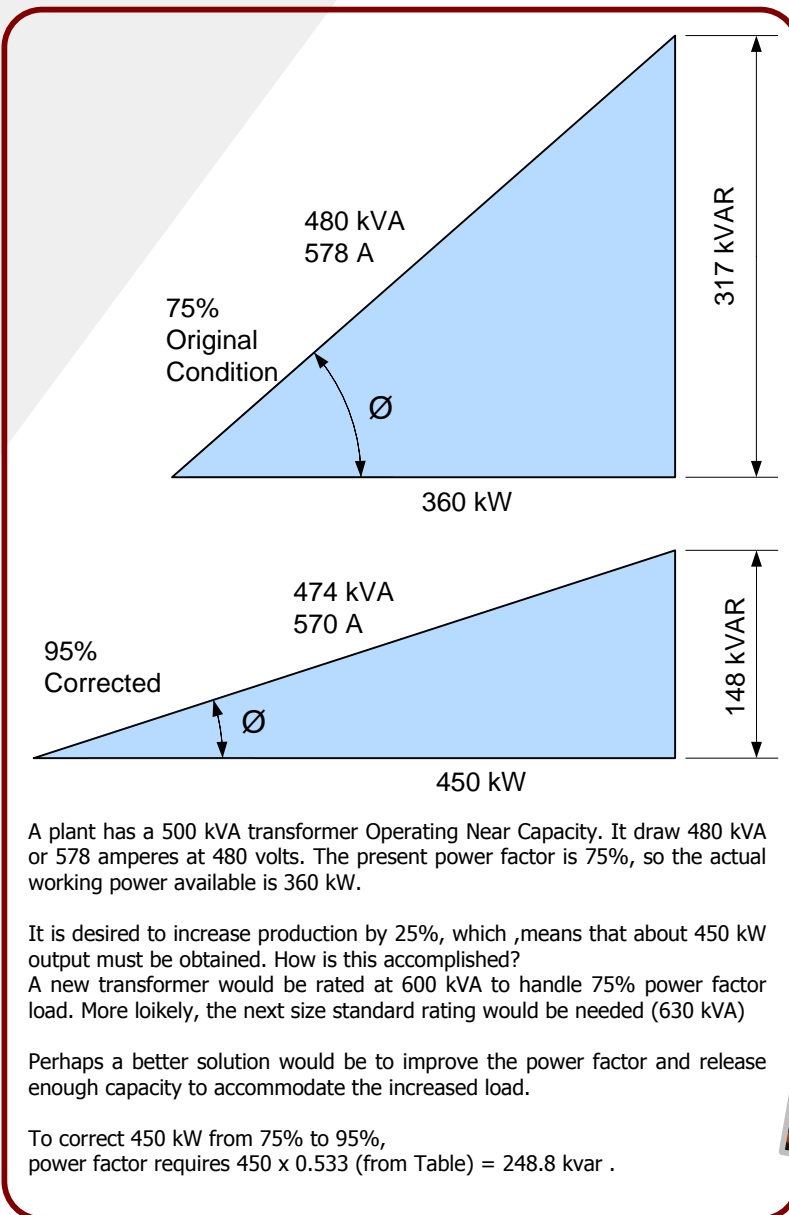




Power Factor Improvement Plants

Increased Your System Capacity

Power factor correction capacitor increase system current-carrying capacity. Raising the power factor on a kW load reduce kVA, Therefore, by adding capacitors, you can add additional kW load to your system without altering the kVA.



Correcting Power Factor Increases Transformer Output

The same principle hold true for reducing current on overloaded facilities, Increase power factor from 75% to 95% on the same kW load results in 21% lower current flow. Put another way, it takes 26.7% more current for a load to operate at 75%, and 46.2% more current to operate at 65%.