RONK NOTE:

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Power Factor Correction Capacitors –
Can they provide energy cost savings?

Energy cost savings can come in various options. The most publicized are about rebate programs and cutting the use of electric power. Many utilities have surcharges for low power factor and with power factor correction capacitors these surcharges can be reduced.

Your electric utility provider might have the authority to charge extra for low power factor usage to commercial accounts. These surcharges can become very expensive and this is an energy charge unlike a straight forward kilowatt-hour cost. It is not a charge for the actual energy, but a surcharge to deliver the energy at a low power factor.

If a utility is charging for a low power factor, power factor correction capacitors are a proven way to save your customer money. Correction does not really reduce the use of energy, but it reduces the cost of delivering it.

A technical explanation of how power factor correction works is available from most suppliers of correction capacitors. The non-technical explanation is that low power factor provides an opportunity for utilities to add an electric bill surcharge.

Motor loads are the main contributor to low power factor. If motors are the predominate load, it is likely that the power factor is low. Individual capacitors can be installed, if there are only a few large motor loads, so that the capacitor is energized whenever the motor is running. This type installation is a cost efficient way to reduce the effects of each motor on the power factor.

Ronk Power Factor Correction Capacitors are available from stock in ratings from 1/2 KVAR-26 KVAR @ 240 Vac and 1 KVAR-75 KVAR @ 480 Vac. Larger sizes are available; please consult factory for details.

Ronk Power Factor Correction Capacitors, when switched with the motor load by across the line starters, are an effective method of correcting low power factor.

Contact our Sales team for more information on the Ronk line of power factor correction capacitors:

1-800-221-7665

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