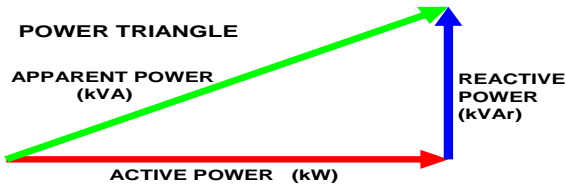


# POWER FACTOR

## What is it?

Power Factor is a ratio of actual electrical power and a measure of the effectiveness of the electrical performance of your equipment.



## What does it do?

The Power Factor Correction system reduces excessive current drawn from the incoming electricity supply. This means there is a reduction in the electricity supplied and charged to you.

## What is a good PF?

A Power Factor ratio approaching **100%** is ideal. Anything below **90%** needs attention!

## Why do I need it?

- To reduce the costs of your electricity (kVA tariff)
- To make spare capacity available for new load or equipment
- To improve efficiency
- To reduce greenhouse emissions
- To improve the quality of your electrical supply
- To comply with Supply Authorities Regulations.

# MAINTENANCE

## Why do it?

- To protect your investment
- To save money and time by early detection and rectification of minor faults
- To avoid unexpected costs of major repairs.

## What is done?

Our maintenance includes checking that the system is operating to give optimum performance.

We check the following:

- Electricity load reduction
- Voltage levels
- Harmonic content
- Detailed equipment condition
- Full functional operation.

## When to do it?

The manufacturer recommends that maintenance be undertaken every 6 months, or as required.

## What Report is provided?

A comprehensive report is supplied on completion detailing the works carried out. It includes our specific recommendations for your consideration.

# OUR GUARANTEE

## Why Capacitor Technologies?

We design, manufacture and service all systems and can provide Turnkey solutions.

We have been established for over 25 years and can continue to provide service and support beyond the standard warranty and guarantee periods.

We are a market leader of Power Factor Correction equipment with ISO 9001 accreditation.

We provide service by qualified professionals, at a time to meet your operational requirements:

- 24 hours 7 days
- Australia wide.

## Our other services

As an engineering company we offer also the following services:

- Power quality investigation & audits
- Power monitoring
- Harmonic surveys
- Demand management
- Surge protection
- Thermal imaging & fault detection
- Design, manufacture & installation of associated PFC equipment.

To arrange maintenance of your PFC equipment, please complete the information below and fax to

**(03) 9752 2067**

Company \_\_\_\_\_

Contact \_\_\_\_\_

Job Title \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

Address \_\_\_\_\_

*Please tick appropriate boxes below*

Please contact me regarding:

- PFC maintenance
- Power quality investigation
- Surge protection
- Thermal imaging survey
- Other. Please Specify



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**CAP TECH**  
CAPACITOR TECHNOLOGIES  
POWER QUALITY SOLUTIONS



**CAP TECH**  
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POWER QUALITY SOLUTIONS

## Maintenance of Power Factor Correction Equipment



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**MAXIMIZE**  
Your Energy & Cost Savings