

POWER FACTOR CORRECTION

What is Power Factor Correction?

Power Factor is a measure of how effectively your business is using power and is measured between 0 and 1 (1 being a perfect score).

If your business has a low Power Factor, you can improve this by installing Power Factor Correction equipment such as capacitors that work as power 'generators' to decrease your total electricity demand. These capacitors are housed in a metal cabinet similar to your electrical switchboard and often located beside it.

Increase your efficiency, decrease your costs

Power Factor Correction equipment can reduce your business's electricity bills through lower monthly maximum demand and capacity charges. What's more, if your electrical system is near capacity, installation of Power Factor Correction equipment can help avoid costly upgrades by lowering the demand on your system.

How can you improve your Power Factor?

- > The first step is to have an energy assessment carried out on your site. The Office of Environment and Heritage provides a list of energy efficiency experts who can carry out this work: <http://www.environment.nsw.gov.au/business/energy-efficiency-expert.htm>
- > The OEH also has other useful information for businesses to help with improving energy efficiency: <http://www.environment.nsw.gov.au/business/index.htm>
- > You can also email the OEH directly on: energy.saver@environment.nsw.gov.au



If you regularly score less than 0.9 you have a low Power Factor and may be paying more for electricity than you need to.