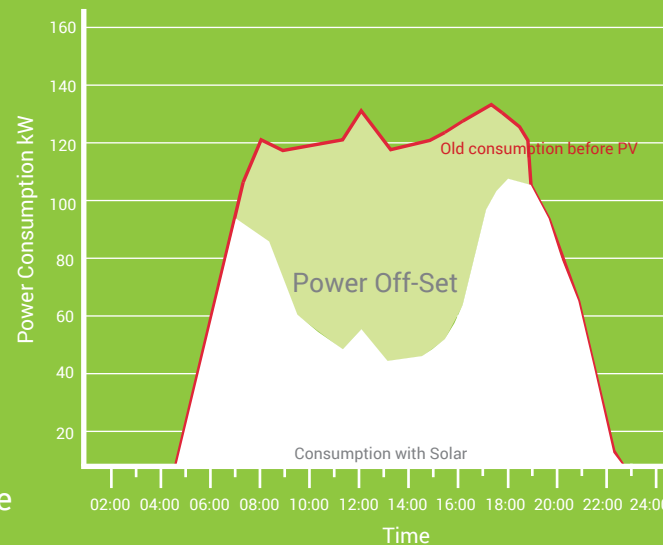
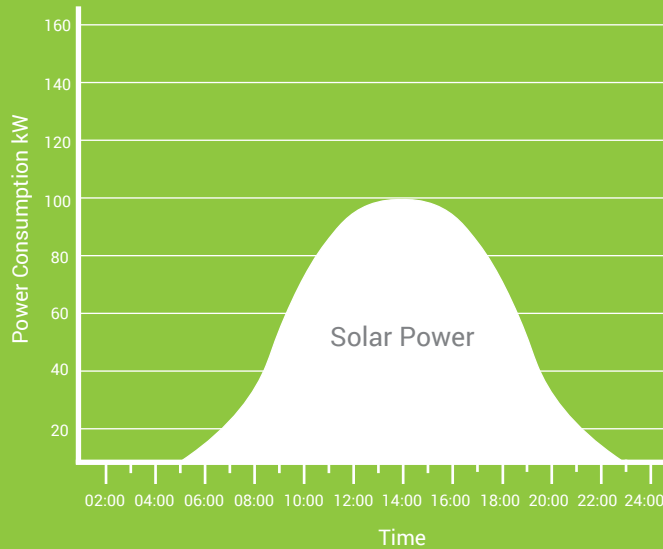


Commercial Solar and what it does for you?

In all states in Australia, feed in tariffs have mostly been removed for new entrants, however for commercial power users solar is an option that just makes sense for the following reasons:

- *Solar produces power during the day when businesses are operating and can use the power generated.*
- *Commercial customers cost of producing power from solar is significantly cheaper than buying power from your retailer.*
- *Offset the ever rising cost of electricity from the grid – “future-proof” your business*
- *Solar power is a mature technology where the power output is well documented and understood.*



SmartConsult

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smartconsult

Call for Details: (07) 3103 2723

\$1,000
DOLLARS
REFERRAL FEE*

Beat the Big Power Companies at Their Own Game

Solar + Power Factor Correction
A Winning Combination

Have you Received a letter from Energex?

Saying that they have reclassified your Tariff from:

SMALL TO LARGE

CALL US - WE CAN HELP YOU

info@smartconsult.com.au or www.smartconsult.com.au

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How to make sure Commercial Solar works for you?

1. SmartConsult matches up your business's time of day power usage versus proposed system solar generation at your location
2. Modelling should be over an entire calendar year, using precise historical data obtained from your power retailer.
3. SmartConsult uses a proven professional toolset; showing both kWh saved, as well as demand reduction in kWh or KVA over a year - valid for your location.

Become a client

Get An Instant Tax Deduction, As Power Factor Correction Usually Costs Less Than \$20,000 To Install.

SmartConsult can provide advice on the best way to minimise your bill by

- Correcting your current Power Factor
- Implementing Peak Demand Reduction Strategies
- Getting off a demand tariff by reducing your bill to less than 100,000 kWh (QLD) or 160,000 kWh (NSW) per annum by installing Solar Power or PFC
- Advice on changing your tariff to a non demand tariff if under 100,000 kWh in QLD or 160,000 kWh in NSW Per Annum
- By Installing Solar Power You Can Replace the kWh you now pay for, usually at no upfront cost!
- Scan and email copies of your current power bills and we will give a FREE NO OBLIGATION consultation on your power saving options

Solar Size	Avg. kWh
5	9,067
10	18,133
15	27,200
20	36,266
25	45,333
30	54,400
40	72,533
50	90,666
60	108,799
70	126,932
80	145,066

By installing solar you lower your overall usage by approximately the kWh per annum indicated.

95% of the systems our customers purchase are paid for from their existing operating power budget, which when redirected, covers the cost of the reduced electricity bill plus the cost of the operating lease rental payments and leaves cash left over.

DID YOU KNOW?

New Tariff Changes in Energex Territory Will Take Effect July 2015

As of July the 1st 2015 your businesses energy bill maybe hugely effected by the New Energex demand charge pricing charges.

The New pricing charges are based on kilovolt ampere (kVA) and will be introduced for larger business customers meaning charges will be based on the power supplied (kVA) rather than power used (kWh).

These changes are being implemented to more accurately reflect larger customers' electricity use and their impact on the network.



SmartConsult also provide other services, including Business, Marketing and Strategic Plans, Financial Projections, Government Grant Applications, Project Management and Tendering.



About us

Over 1MW Installed
Solar Installations + Power Factor Correction

SmartConsult have a team of professional staff who provide impartial advice to businesses on how they can reduce their power bills by implementing renewable energy and power factor correction solutions.

Over the past year we have installed and project managed a range of large projects in QLD & NSW, a selection of which are shown here.

Our team have also completed analysis on many more projects from 10kW - 5000 kW over the past 5 years. We conduct in-depth micro-grid feasibility studies, including full analysis of time of day usage, using professional tools developed by NASA.

As part of our consulting practice, we plan, design and specify a suitable solar system, that can be supplied and built by our accredited installers, and/or we can write competitive tender documentation to enable our customers to gain the best price available in the marketplace from accredited installers anywhere in Australia.

Project List	Size	Completed
H Harvey Prestige Upper Coomera	99.8kw	May '14
MK Transport Rocklea	25kw	Jun '14
Aluminium Balustrades Southport	32kw	Jul '14
Kirra Smash Repairs Kirra Qld	10kw	Nov '14
Gears & Winch Moorooka Qld	99.6kw	Nov '14
South Tweed Auto Tweed NSW	30kw	Dec '14
Icon Energy Broadbeach Qld	60kw	Jan '15
Coastal Powder Coating Molendinar Qld	50kw	Jan '15
Assisi Catholic College Upper Coomera	99.6kw	Jan '15
Transvent Spiral Tubing Penrith NSW	70kw	Feb '15
Transvent Spiral Tubing Sunnybank Hills QLD	30kw	Mar '15
SAFE Burleigh QLD	130kw	Mar '15
Planet Smash Repairs Warana QLD	60kw	Apr '15
Superior Steel Supplies	60kw	May '15

Our Energy Solutions

- DETERMINE LOAD & ENERGY USED
- PROVIDE REPORT & OPTIONS
- FINANCE AVAILABILITY
- SUPPLY & INSTALL
- MONITOR & MAINTAIN



Analysis Methodology

For Solar installations above 40kW we use a professional tool to calculate the returns from solar, to determine the customer's usage intensity versus solar power produced.

The result will vary depending on the aspect, mounting options and site chosen. We use your interval data, as well as a number of other datasets developed by NASA, NREL and other professional bodies, for sun hours and other inputs into our analysis systems.

With the results generated from our analysis, we calculate how much power is generated through the year and compare this with your historical usage and future projected usage.

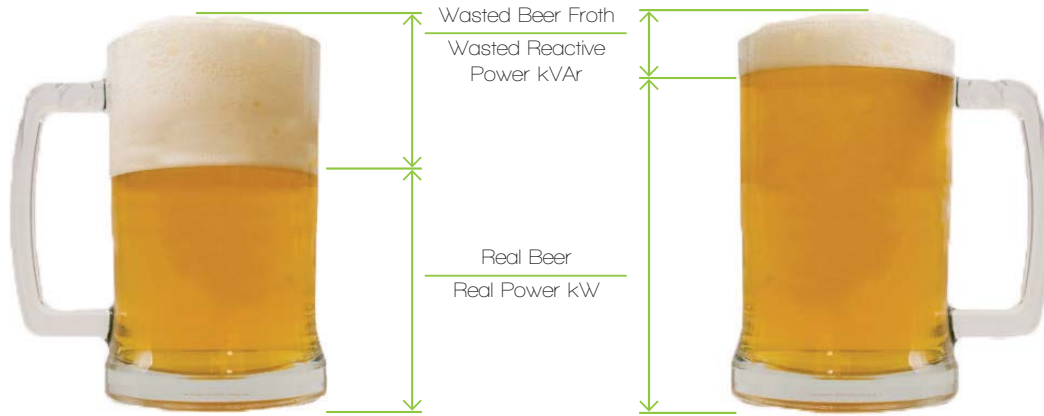
We then work out the optimum system size and cost benefit from this information in a unique report to our client.

"Beer Drinkers' Power Factor Analogy"

Reactive Power = Electrical Froth

Low Power Factor

High Power Factor



What is Power Factor?

Power factor is the measure of how effective incoming power is that is being used at a site; it is expressed as numerical value between zero and one.

The closer a power factor is to 1, the more efficiently a business is consuming electricity. A power factor between 0.95 and 1 is ideal.

An improved power factor has the potential to lower energy bills by running equipment more efficiently and also reducing the maximum electricity demand.

KVA is measured by dividing kWh by your Power Factor; or kWh divided by Power Factor

Now is the time to check that your Power Factor is as good as it can be.

- If your Power Factor is low, you will pay more than you need to for your electricity
- If you are regularly registering less than 0.9, you have a low Power Factor
- It is actually a network regulation that customers maintain a minimum Power Factor of 0.9

Other Services

SmartConsult also advise on the following areas, using proven specialist service providers as required:

- Monitor Customer's Energy usage using the latest tools, so that, kWh, "Power Factor", Peak Demand, Amps, and Voltages are continually monitored so errors or inefficiencies can be eliminated.
- Provide and install Variable speed devices
- Install replacement energy efficient lighting such as LED's to improve longevity, reduce maintenance and usage costs
- A comprehensive Energy Bill and Energy Efficiency Analysis
- Solar System Consulting in all aspects, plus renewable/hybrid/storage applications

1,000 DOLLARS

REFERRAL FEE*

**Terms and Conditions Referral Offer*

1. The referred customer must be a commercial business and purchase a solar system from SmartConsult or one of its authorised installers greater than 10kW.
2. Referral fee will only be paid once per installation and after payment by the customer to SmartConsult or its authorised installers.
3. The referrer must provide details of yourself, the customer and the relevant decision maker to SmartConsult by completing the referral form online at smartconsult.com.au/offer

What is a kVA demand charge?

If you use more than 100,000 kWh in QLD and 160,000kWh in NSW PA and you are on a demand tariff, your demand and Kwh tariff will be measured and Billed in kVA as of July the 1st 2015 in Energex territory and July the 1st 2016 in Ergon Territory.

Your network charges include a component called a demand charge. This charge is based upon your highest recorded demand during a billing period, which is the maximum amount of electricity supplied to your site in any 30 minute interval, it is currently charged in kilowatts (kW).

This is set to change.

• All customers use Real Power which does the work at your site and is measured in kilowatts or kW. This is how your demand is currently charged.

• All customers also use Reactive Power which creates magnetic or electric fields required for many inductive loads (such as electric motors) and is measured in kVAr.

• The total of Real Power and Reactive Power used at your site is measured in kVA. This is how your demand will be charged from 1 July 2015, capturing all the power (real and reactive) at your site.

• The network must be built to a size that is capable for delivering both real power and reactive power needs.

If your site consumes a large amount of reactive power, you can reduce this by installing power factor correction (PFC) equipment.

BEAT ENERGEX

AT THEIR OWN GAME

CHECK YOUR

POWER FACTOR

BEFORE JUNE 30TH

TO GUARANTEE A

REDUCTION IN YOUR

POWER BILLS

