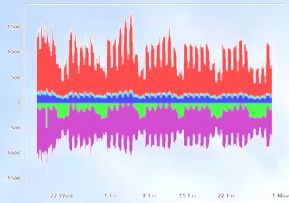


Our SERVICES that help you cut costs

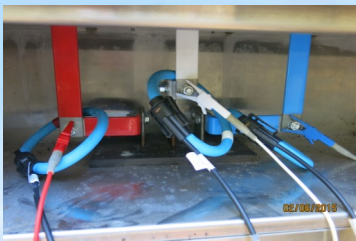
SYNOPSIS Site Monitoring & Load Profiling

- How much energy is being used during non-work hours?
- How much energy is being used by particular equipment, e.g. cool rooms or aircon?
- How much does the security lighting (e.g. car yard) etc. cost per night?
- How can I shave the peak demand charges on my power bill?
- How can I reduce peak demand charges on my utility account with smart technology other than solar?
- Can I use battery storage for shifting my solar power generation to other times?



ENERGY WATCHDOG Energy Bill Evaluation

- How does your energy bill compare to your peer group? Are you on the best possible tariff?
- Are you paying too much in meter charges and other fixed costs?
- Do you get the best feed-in tariff (FIT) for your PV Solar?
- **PEAK DEMAND ANALYSIS:** How you can significantly reduce your power bills with PV SOLAR in the absence of a FIT.



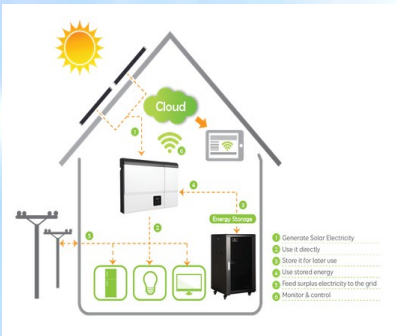
ASK THE Powersmart EXPERTS!

The next step...

Take control of your energy costs with **Powersmart's** innovative, proven and affordable Energy Efficiency Services.

We've developed a roadmap based on today's technology and tomorrow's possibilities – a roadmap that incorporates four basic principles:

1. UNDERSTAND your daily and seasonal load profiles
2. REDUCE energy consumption now
3. REPLACE daytime power consumption with solar energy
4. USE STORAGE technologies to match renewable energy generation to your load profile



Powersmart's experienced assessors and auditors know where the bulk of your power is going and how to reduce it - starting with the low-hanging fruit. Whether household or commercial/industrial, most of our clients have a potential to save at least 15-20% with minimal capital expenditure.

COSTSAVER walk-through audits are a very affordable and quick way to save big on power costs where no comprehensive report (such as for funding applications) is required - the ideal way to avoid overspending on PV Solar and or battery storage capacity.

The report will also identify issues with peak demand, phase distribution and load factor, all crucial for efficient solar design.

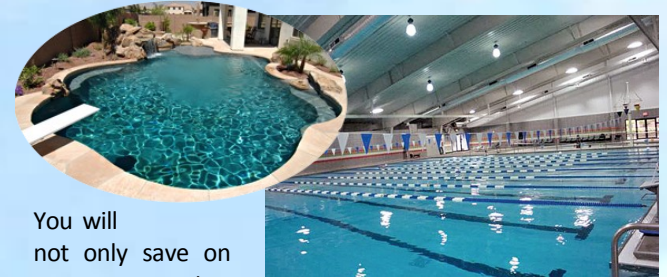


PowerSMART POOLS

Commercial, public and residential swimming pools are some of the biggest energy users.

Recent advances in technology now allow cutting these costs by up to 80%. Powersmart Pool Audits assist you in:

- Choosing the most efficient method of pool sanitation
- Making your pool water circulation more efficient
- Choosing the most energy efficient technology for pool and shower water heating
- Avoiding the pitfalls that can lead to potential health and safety issues



You will not only save on energy costs, but also spend less on pool chemicals and have superior and healthier water quality.

CASE STUDY

A Powersmart energy audit revealed that a large municipal swimming pool in NSW could reduce the huge energy costs for running the circulation pumps by 35% for a capital outlay of only \$15,000.

Additional, large cost savings were identified in the areas of pool water heating and lighting.

After the installation of solar pool water heating the related cost has gone down by 70%. All up, the Council now saves more than \$36,000 per year in electricity costs.



Powersmart Tip No. 1:

Are you aware that demand charges can be just as high or higher than your consumption charges? Ask us what you can do about it.



Powersmart Tip No. 2:

Did you know that any air conditioner older than 6-7 years is likely to use twice as much energy as a modern, efficient inverter type unit?



Powersmart Tip No. 3:

Did you know that most water pumps are oversized and use far more power than required? Ask us how to make your pumping system more efficient.

Why Powersmart ? What is GOODBYE GRID ?

Since 2011, Powersmart Energy Efficiency has saved hundreds of businesses and households in the Northern Rivers many Megawatt hours of power. GOODBYE GRID takes the next step towards taking control of your power bills.

We've teamed up with leading companies in the Northern Rivers in the fields of Solar Power and Battery Storage and developed a roadmap for maximum cost savings based on today's technology and tomorrow's possibilities – a roadmap that incorporates four basic principles:

1. Understand your daily and seasonal load profiles
2. Reduce energy consumption now
3. Replace daytime power consumption with solar energy
4. Use storage technologies to match renewable energy generation to your load profile

- ✓ One business contact for all services
- ✓ The most experienced and reliable suppliers of goods and services in your area
- ✓ Best value for money with local support
- ✓ Trusted and future-proof solutions

SAVE 30 to 70% of your POWER COSTS

- ✓ Offices, shops, shopping centres, warehouses
- ✓ Recreational facilities such as clubs, hotels, pools etc.
- ✓ Industrial sites (lighting, motors, drives, pumps)
- ✓ Agricultural businesses, dairies, irrigators etc.
- ✓ Sporting facilities (flood lighting)

Powersmart Mission Statement

More than 100 satisfied clients confirm our success.

We are committed to making the best possible use of precious energy resources by reducing energy consumption as the first step towards a sustainable energy future.

We aim to make energy efficiency highly affordable, to lower the barriers for the uptake of energy-saving activities, and to reduce the reliance on government programs.

The Powersmart Guarantee

We cannot make your meter run backwards, but we guarantee the value of our services:

GUARANTEED COST SAVINGS



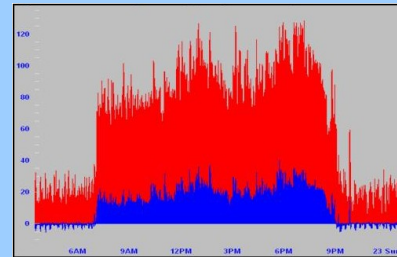
*If the cost of our energy auditing services is higher than the potential cost savings for the first 6 months (after implementation of our recommendations), we'll refund the cost of the energy audit in full.**

* Energy cost savings are defined as a percentage reduction of the annual expenditure for energy (in A\$). Only retrofit recommendations with a simple payback period of less than 3 years are considered in this context. See case study below for details on the Powersmart guarantee.

CASE STUDY 2

A large recreational club spends more than \$500,000 per year for electricity.

The comprehensive energy audit conducted by Powersmart finds cost savings of 35% by replacing a very old air cooled chiller, changing most lights to LED alternatives and installing a 100kW PV solar system.



Other changes include optimisation of compressor cycles and improvements to the airflow in the aircon condenser coils of the ducted systems. Further changes with the aim of reducing the heat ingress into the building are planned.

- Cost of proposed changes/retrofits: \$450,000
- Cost of the Powersmart services: \$7,500
- Power cost savings per year: \$175,000

The payback period for the total capital investment is **2.6 years.**

$[\$450,000 / (\$500,000 \times 35\%)]$

The cost of the audit pays back in **less than 1 month**

$[\$7500 / \$175,000]$



www.power-smart.com.au

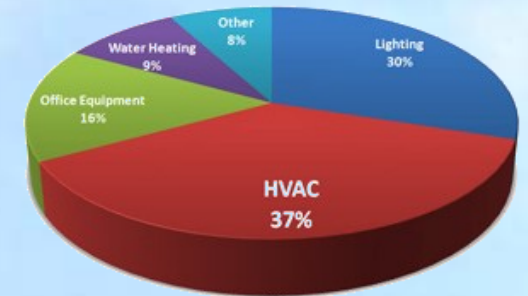
Office (02) 6628 2008

www.goodbyegrid.com.au

Mob. (0415) 875 672



We cut the cost of power



- ✓ Energy Efficiency retrofits
- ✓ Power bill evaluation
- ✓ Peak Demand Shaving
- ✓ HVAC retrofits and optimisation ('SmartEnergy')
- ✓ Refrigeration optimisation
- ✓ Lighting retrofits
- ✓ PV Solar, with or without battery storage
- ✓ ESS (NSW) approved retrofits

Take the next step and immunise your business against future power price shocks!

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