

ENERGY AUDITING

CUTTING ENERGY COST and getting it right the first time.

AIR CONDITIONING

REFRIGERATION

LIGHTING

COMPRESSED AIR

POWER FACTOR
CORRECTION (PFC)

SOLAR POWER

VARIABLE SPEED DRIVES

Businesses are facing pressures through ever increasing energy costs. Where to start when cutting energy costs?

What retrofit produces the best return?

How does solar power work with my load profile? Do I get substantial value for my investment or is it wise to **reduce energy consumption and kVA demand first?**

*"We are confident enough about the quality and professionalism of our services that we can offer a Cost Savings **GUARANTEE.**"*

Who are Energy Systems & Services?

ESS is an innovative company offering a comprehensive suite of professional and specialised services.

ESS is committed to delivering intelligent solutions & logical approaches to effectively assist in the areas of building compliance, services reliability as well as supporting the rational use of energy.

It's a simple philosophy, listen to the client, understand the client's business, provide the technical expertise and innovation needed to build a lasting partnership.



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Our engineers are experts in 'Load Profiling', that is understanding your energy demand over time.

For a small fee, we work out whether you are better off **REPLACING** grid power with solar power, or **REDUCING** energy demand first.

What can solar battery storage do for you now and in the near future?

We understand electricity tariffs and billing data, future trends in charging for power and what modern technology can do to your power bills.

We are not selling any particular type of technology – we will guide you towards finding the best value investment for your particular load profile and mode of operation.

Our professional fees start from \$1,500 for a level 1 walk-through audit with a focus on 'low-hanging fruit' measures and the top 3 retrofit options that will offer the best return on investment.



ENERGY AUDITING – COST EXAMPLES

Energy Audits to AS3598:2014

LEVEL 1... Walk-through audit - Focus on main consumers of energy. Broad calculations on retrofit costs and payback periods. Measure focus up to 3 years.

\$1,500 to \$2,500 plus GST.

LEVEL 2... Detailed audit with EUB to 10% accuracy and more accurate cost estimates for retrofit measures. Measure focus up to 4 years.

\$2,500 to \$5,000 plus GST.

LEVEL 3... As Level 2, but with additional reporting, accurate cost calculations based on quotations for suggested retrofit measures. Measure focus includes long term investment plan.

From \$5,000 plus GST

Data logging & Power Quality Analysis with portable precision equipment:

Base cost \$1,800 per week, \$600 for each additional week.

The exact cost of any of the above Energy Audit is dependent on the type and size of the operation, variety of energy sources (Electricity/gas), ease of access, availability of supporting documentation such as floor plans, equipment schedules, maintenance records, and other factors.

Travel costs can be charged outside the local area and for repeat site visits.