

Reduce Energy – Save Money – Increase Productivity

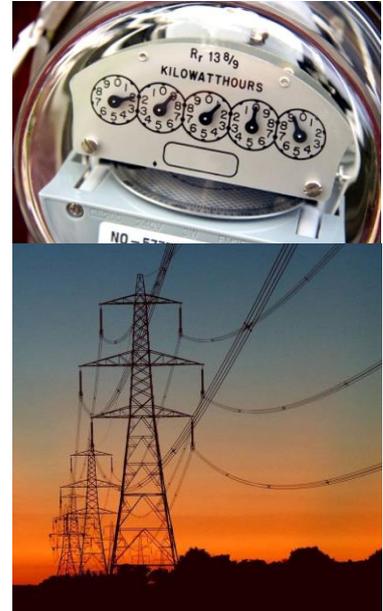
Increased energy costs and heightened environmental awareness have brought a renewed focus on the energy productivity of businesses in Australia. Improved energy management and the implementation of energy efficiency measures have immediate financial, operational, and environmental benefits.

Enhar Pty Ltd is an approved Energy Efficiency Professional Services provider, under the contractor panel formed by the NSW Office of Environment and Heritage.

Our services assist clients to improve productivity and comfort while reducing energy costs.

Our Energy Auditing, Solar assessments and Technical Support deliver the following:

- Reduced energy bill expenses
- Maximise on-site energy recovery/recycling
- Optimum solar generation on your rooftop
- Reduced long term maintenance costs of energy consuming items
- Increased productivity and comfort
- Enhanced company profile within an increasingly environmentally conscious market



Target Sectors		Target Technologies	
Agribusiness & Irrigation	Education (technology specific)	HVAC BMS	Heat Recovery
Aquatic Centres	Manufacturing (food, timber)	Commercial Refrigeration	Gas Process Efficiency
Bakeries	Heritage	Industrial Refrigeration	Boilers
Chemical & Plastics	Warehousing w/ Cold Storage	Tri/Cogeneration	Compressed Air
Data Centres	Wineries	Voltage Optimisation	

Our Services

Energy Auditing

Energy auditing and assessments are a critical step in understanding your site's energy consumption and how it can be reduced. We have a proven track record of energy auditing, delivering real savings to clients and an improved understanding of energy consumption.

The cost of audits for NSW sites are supported by 50% contribution from the NSW Government. We conduct all levels of energy auditing in accordance with the prescribed Australian Standard – 3598:2014.

Targetted Level 2 Energy Audit

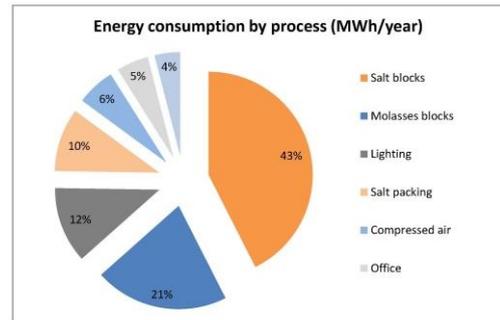
A Level 2 Energy Audit provides a detailed analysis of the energy consuming processes at your site along with business cases for the top candidates for energy improvements.

Past Clients of our Energy Audit services include:



A targeted Enhar Level 2 audit includes the following:

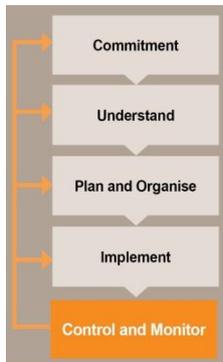
- A mid project meeting with you at your premises to workshop the options and agree the most attractive measures
- Business cases developed for 3-5 most attractive measures, included in our final report.
- A report and final presentation that includes key findings and business cases.
- Assessment of annual energy consumption (gas and electricity) and annual cost of the site's energy demand
- On site visit where Enhar will inspect processes, buildings, operation usage patterns as well as monitor selected items of plant.
- Recommended energy efficiency measures including capital works and costed options ranked according to their projected financial return.



Level 3 Energy Audit

A Level 3 Audit goes beyond a Level 2 Audit by requiring a more precise level of energy consumption monitoring and a more involved economic analysis of the recommended measures. This level of audit often forms the justification for substantial investment into a specific site upgrade.

Technical Support Assistance



If you are keen to realise the energy saving benefits identified in the Energy Audit, but short of time and resources to manage the implementation, Enhar's Technical Support services handle the project management for you.

Enhar Technical Support services take you through the implementation phase of an Energy Efficiency retrofit or upgrade so you can continue business as usual. Our team assist with installation of efficiency equipment including HVAC, lighting, solar PV, air compressors, voltage optimisers and more.

Services include Engineering design and specifications, equipment commissioning, Project management, Technical specifications, Tendering and evaluation.

The cost of Technical Support services receive matched funding (50%) up to \$8,000 from the NSW Government, and you cover the balance of 50%.

Case Study

A Manufacturer in Melbourne had an annual energy bill of \$146,000 per year including 488,000 kWh of electricity and nearly 7,000 GJ of gas. An Enhar energy audit was conducted and we identified savings through a lighting upgrade (32,000 kWh/yr savings), a 100kW solar PV installation (140,000 kWh/yr savings), and compressed air system improvements (16,000 kWh/yr savings). The company went on to install these measures and successfully reduced their kWh consumption by over 30% and achieved a 26% saving on their energy costs.

Measurement and Verification

Measurement and Verification is mandatory for all OEH funded Technical Support projects. Bundled with the Technical Support subsidy is \$2,000 funding provided for Measurement and Verification, so you know for sure how much energy the project has saved.

Looking for More Rebate? All energy saving projects may be eligible to create Energy Saving Certificates (ESCs) which provide a rebate on the capital cost of projects.

