

## Consulting services to assist businesses to set and achieve energy efficiency targets

Increased energy costs and heightened awareness of the environmental impact of carbon emissions have brought a renewed focus on the energy efficiency of businesses in Australia. The implementation of an effective energy management program (EMP) has immediate financial, operational and environmental benefits.

A well run EMP is expected to deliver the following:

- Reduced energy bill expenses
- Reduced GHG emissions across business activity
- Reduced long term maintenance costs of energy consuming items of plant
- Increased productivity
- Improved budget forecasting and a more targeted business development strategy
- Enhanced company profile within an increasingly environmentally conscious market

Enhar supports businesses to achieve their energy management goals through a number of services.

### Our Services:

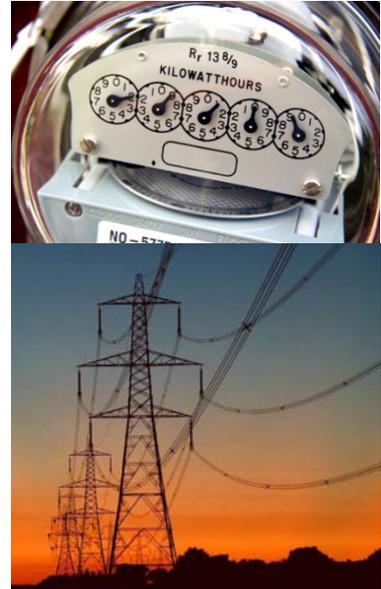
#### Energy Auditing

Energy auditing is an essential step towards implementing a successful Energy Management Program. Audits are also often a requirement for government funding and incentive schemes, and Enhars audit reports have been used successfully to achieve grant success. Enhar conducts all levels of energy auditing in accordance with the prescribed Australian Standard – 3598:2000.

#### Level 1 Energy Audit

A Level 1 Energy Audit is a desktop study based on data supplied by the client. The audit provides a basic overview of the energy consumption at the site and includes general recommendations about improving energy usage. The audit includes:

- Assessment of annual energy consumption (gas and electricity) and annual cost of the site's energy demand
- Analyse site interval and electricity bill data to establish energy consumption behaviour and overall site energy efficiency
- Setting of performance indicators for internal benchmarking and comparison with industry norms
- Broad indication of potential energy efficiency measures based on consultation with site staff.
- A report that includes key findings and broad recommendations.



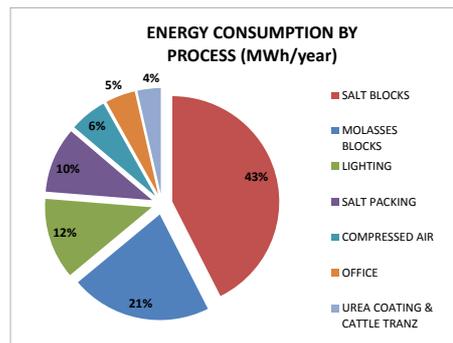
### Enhar Clients:



## Level 2 Energy Audit

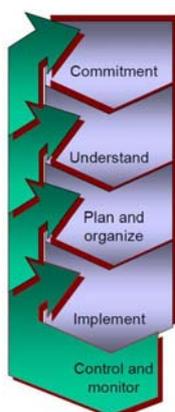
A Level 2 Energy Audit provides a more detailed summary of the energy consuming processes that occur at a site along with a financial case for the recommendations proposed. In addition a Level 1 audit, a Level 2 audit includes the following:

- On site visit where Enhar will inspect building fabric, type and usage patterns as well as monitor selected items of plant.
- Reconciliation of billed energy consumption with the site's operations and processes
- Recommended energy efficiency measures including capital works and general management options ranked according to their projected financial return.
- A report that presents all key findings and recommendations.



## 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.



## Energy Management Program Assistance

An Energy Management Program (EMP) creates a systematic approach towards identifying energy bill reduction opportunities, prioritising initiatives, implementing initiatives and monitoring results. As set out in the Australian Standard for energy auditing the implementation of a functioning EMP involves:

- Corporate commitment
- Understanding of energy consuming processes
- Planning and organisation of energy reduction goals and targets
- Implementation of energy reduction initiatives
- Regular control and monitoring of initiative progress towards set targets

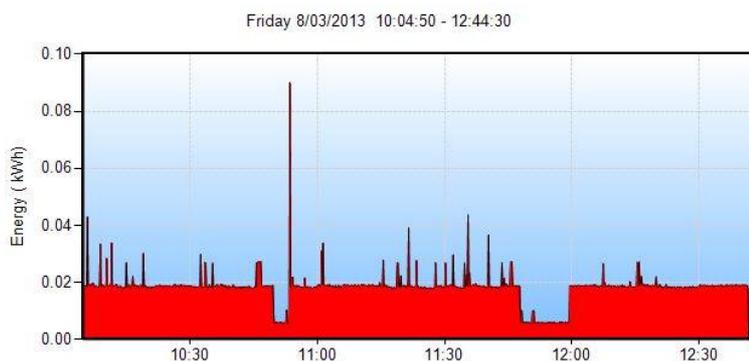
Enhar can assist with each step, including drafting a formalised energy management policy statement and implementation plan.

## Grant Assistance

Independent energy audits and renewable energy reports can be fundamental references towards a successful grant application. Along with providing credible evidence towards funding requests, we can assist clients with the preparation of applications to federal or state based grant funding schemes. To date Enhar has secured close to \$1 million in grant funding for our clients.

## Monitoring and Targeting

Enhar are capable of providing detailed energy consumption data of specific items of plant over various time frames to establish consumption baselines or assess energy reduction success. An energy monitoring survey of selected items of a plant at a business site can also be used to target initiatives with the highest energy bill saving potential. Enhar can also analyse site interval and electricity bill data to establish energy consumption behaviour and overall site energy efficiency.



Enhar Pty Ltd

Suite G-03, 60 Leicester St, Carlton VIC 3121

T: +61 3 9429 9463 F: +61 3 8676 4924 E: info@enhar.com.au

www.enhar.com.au