

Capability Statement - Energy Efficiency Services



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ENHAR Energy Auditing and Surveys for Homes and Businesses

With the increased awareness of climate change and increasing costs of energy, business and homeowners are looking for opportunities to reduce both energy costs and harmful greenhouse gas emissions from energy use. Energy efficiency is about the energy used per unit of service provided, such as how much energy is required to heat or cool a room, while energy conservation refers to reducing the demand for energy by not using unnecessary services and appliances to begin with, such as not using heating to heat empty rooms (even if it is efficient). Energy efficiency and conservation will allow for the provision of energy services using the energy resources we have.

Enhar undertakes energy audits following Australian Standard 3598:2000 – Energy Audits). Energy audits and surveys can often identify the cheapest and largest energy cost and greenhouse gas (GHG) reduction opportunities. Energy efficiency and conservation is the first step in reducing energy costs and is central to any a sustainable energy program. Individual, local and national renewable energy targets are also easier to satisfy if overall energy demand is reduced.

Enhar energy efficiency and conservation services are directed at domestic, industrial and government clients. We can offer clients a holistic appraisal of energy use, behaviour and patterns, providing a report that identifies no and low cost, medium cost and high cost options. Enhar will also identify opportunities of shared costing, such as options during refurbishment. We can also design energy management plans for your organisation. We will reduce both your energy costs and GHG emissions.

Enhar will give you a list of action priorities, including no-cost and low-cost options with recommendations for more expensive options where appropriate.

Energy Services

- Level 1, 2 or 3 Audits
- Energy metering
- Monitoring and Targeting
- Energy Management Plans
- Tariff Review
- Thermal Comfort Assessments
- Presentations of findings
- Staff energy awareness training
- Green Building Assessments
- Behavioural investigations
- Energy demand reduction
- Australian Building Greenhouse Rating



Level 1 Audit:

A Level 1 Audit investigates the overall energy consumption of the site and gives just an overview. It is usually in the form of a desktop study, but can include a site visit if requested. Level 1 Audits are often treated as a first step.

Level 2 Audit:

A Level 2 Audit investigates the sources of energy to the site, the amount supplied and what it is used for. A Level 2 Audit also identifies where savings can be made, recommending energy saving measures including up-front costs and potential savings.

Level 3 Audit:

A Level 3 Audit gives a detailed investigation of the overall energy consumption of the site (or industrial process), including energy usage, potential saving and costs of those savings. A Level 3 Audit goes beyond a Level 2 Audit by including a detailed economic analysis, justifying significant investment where appropriate.

Energy Management Plans:

Enhar will also design Energy Management Plans (EMPs) for clients, which gives a framework for energy reduction strategies, listing key areas and priorities. The EMP lists the costs and specific tasks required to reduce energy demand, as well as identifies responsible people in your organisation to ensure energy reduction activities are maintained. The EMP also stipulates how monitoring and targeting will be achieved.

Monitoring and Targeting:

Monitoring and Targeting (M&T) is one of the most important components of an EMP. Targets need to be set to obtain real energy and cost savings and only monitoring will tell us if we are being successful in our EMP. At the very least, Enhar will examine your energy use after 12 months.



Enhar is a sustainable energy services company providing expert consultancy services designed to meet the challenges of climate change.

We assist business, government and community clients achieve carbon reductions by advising on renewable energy projects, energy efficiency and conservation.



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