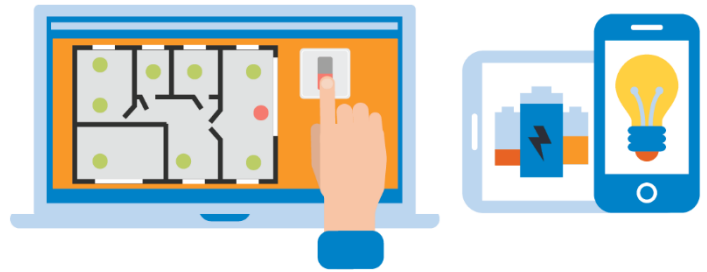


ENERGY MANAGEMENT

AND ENERGY MONITORING



What is energy management?

An energy management system is an ongoing process of identifying, planning and implementing improvements in the way an organisation uses energy.

Energy management needs a structured and persistent approach.

Finding the opportunities and fixing the basics is the first step.

This can include installing meters, low consumption devices, insulation material and power factor correction. Optimised results come when consumption is automated and regulated by implementing HVAC control, lighting control and variable speed drives.

Energy monitoring

Monitoring through meters, monitoring services and efficiency analysis is the key to maintaining the savings. Before starting an improvement program, measurement and benchmarking helps determine where and to what degree energy is wasted. It also provides a baseline for future comparison.

Why go to the effort of installing Energy Monitoring?

Because you can't manage what you don't measure. Depending on the information that you collect and analyse, it enables you to:

- Reveal the true energy savings from your improvement program,
- Promptly detect changes so that they can be corrected before they cause significant losses,
- Have improved forecasting of energy consumption and budget,
- Have a more accurate costing of products and services,
- Allocate cost so that managers or tenants pay for what they actually use,
- Verify bills to ensure that you do not overpay for energy,
- Avoid peak demand to eliminate penalties from your bill,
- Review consumption patterns to detect waste, and
- Treat energy consumption as a variable that can be managed, rather than a fixed cost that is not controlled.

How do we get started?

If this sounds like something that you're interested in, please do not hesitate to contact the Electrical Sensations team on 07 4637 2744 to discuss how we can proceed from here.

