University of Reading

measurable·energy

Minimising Electricity Costs

Turning attention to baseload energy waste: testing and data gathering with the University of Reading

AT A GLANCE

Measurable energy & carbon savings

60%
Reduction in energy use

38%
Reduction in carbon emissions

OUR ENERGY USE BEHAVIOURS

The largest proportion of energy waste is associated with baseload. Smart meters have educated people about energy use, but they still require manual intervention. measurable.energy's smart sockets cut out the middle person completely.

ESTABLISHING THE GROUNDWORK

MSc student, Joseph Jacob completed an experiment to monitor small power use in measurable.energy's office over a four-week period, measuring the energy use of devices and the carbon emissions they produced.

AUTOMATION IS THE WAY FORWARD

The use of measurable.energy's rulesets to automatically turn devices off resulted in the energy use during non-working hours being completely eliminated, leading to significant cost savings and reduction in carbon emissions.

Relying on human intervention to turn off equipment one by one isn't a consistent way to reduce electricity use and carbon emissions. Using technology like measurable.energy's sockets is a far more effective approach.

"The proof is in the pudding! measurable.energy's solution led to significant electricity bill savings."

eliminating wasted energy in buildings