

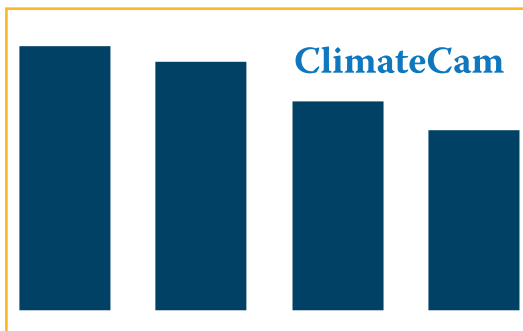
Energy Hunter

Energy efficiency
information for
small & medium sized
businesses

case study AOK Health



Replacing the boiler with a kettle
should save AOK around 365 kWh
annually



2009-2012 Electricity consumption

Since 2009 AOK has achieved steady
reductions in electricity use but plan for
even further reductions

Bradley from AOK Health Group joined the **Energy Hunter** program in November 2012 and has since identified several ways they can make their workplace more energy efficient and reduce their electricity bills.

Recognising the importance of involving his staff through behaviour change practices from step 6 of the ClimateCam framework, Bradley formed the “AOK Power Clean Team”. The team monitor their daily electricity consumption at two-hour intervals during work hours with the goal of finding and implementing ways to reduce power consumption.

With access to Individual Appliance Monitors (IAMs) which are supplied to businesses as part of the Energy Hunter electricity monitoring service, Bradley has also been able to monitor electricity consumption of their computer servers, kitchen fridge and water heater (boiler).

Using the IAMs has enabled AOK to identify and implement a range of initiatives to reduce the business's outgoings and energy consumption. These include:

- changing from a boiler to a kettle, reducing electricity use by an estimated 64% and saving 365.5 kWh annually.
- replacing the kitchen fridge with a new, more efficient model, which has the potential to save AOK approximately \$300 a year and with a payback for replacement of between 2.25 - 2.5 years.

AOK calculated this using data from their IAMs and their average cost of electricity from their bill. To compare the efficiency of replacement fridges, Bradley visited the Equipment Energy Efficiency website (www.energyrating.gov.au) which rates appliances for energy efficiency and compares the annual running costs of different equipment.



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energy smart = smart business



Bradley and a member of the AOK Power Clean team

Since joining **Energy Hunter**, Bradley has also become more aware of the different charges and tariffs listed on his electricity bills, and has been able to determine that AOK is on the wrong network tariff. This means that the company is being charged a significant amount more per month than they should be. Using historical consumption data supplied by **Energy Hunter**, AOK calculated they were using well under 40MWh per year but were classified as a 40MWh-160MWh per year customer, resulting in much higher daily supply charges and a capacity charge.

Bradley is negotiating with his Energy Retailer to have the Network Provider put AOK onto the right tariff. The consumption data provided by **Energy Hunter** has been used to support this application. When negotiated, the tariff changes could save AOK more than \$4,000 per year, which they plan to re-invest in energy efficiency upgrades.



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