

## Switch the lights off. KEA Campers to realise energy savings.

A walk-through energy audit of Kea Campers sales, service, and rental depot located on Hillside Road, Glenfield, Auckland was conducted during May 2009. The site consists of a large workshop area, reception, multiple office areas, storage space, and a vehicle wash down yard.

### The KEA Fleet

Although the audit was focused on the depot KEA is also committed to environmentally-friendly and energy efficient vehicles, through the use of solar paneling, renewable materials, advanced emission control standards, best-practice waste management systems.



KEA is also Green Globe benchmarked as well as being the first campervan and motorhome company to have vehicles certified self-contained through the New Zealand Motorhome and Caravan Association (NZMCA).

### Current Energy Use

For the year June 2008 – May 2009, KEA used 177,991kWh of electrical energy on site, which came at a gross cost of \$30,287.

The energy footprint shows percentage of total energy usage for each end user on your site. Lighting accounts for 55% of KEA's energy footprint, followed by heating and air conditioning at 27%, and IT equipment at 9%.

Not surprisingly the main energy savings identified by the audit were around lighting.

### Some short term (1-2 years) opportunities with annual savings include:

- |  |       |
|--|-------|
| • Switch off grooming/wash-down lighting | \$834 |
| • Change 50W halogen lamps for CFLs      | \$241 |
| • Photocopier to power save mode         | \$125 |

- Delamping in office and storage areas \$105
- Shutdown pc's (per pc) \$36

Financial Controller Bruce Richardson said they had found the process encouraging and it had confirmed they were on the right track with a number of things.

"We'll be putting the onus on departments to look at their energy use. Our electrician has been involved in the audit process and is developing a plan to start implementing the recommendations"

"Businesses that have already undertaken a number of energy savings initiatives as well as those who are just thinking about it can benefit from the TEEP programme" said Mr. Richardson.

One new area that was highlighted in this audit is the use of compact fluorescent fitting replacements for halogen downlights. These fittings are currently being subsidised by the Electricity Commission.

The Tourism Energy Efficiency Programme (TEEP) was originally developed as a regional pilot in 2008. After a successful first year it has now been extended into a national programme for 2009.