



Switched on inventors Chris Duffield and Danny Bishop

V1 - MH5E01Z01MA

SWITCH TO A BRIGHTER WAY TO SAVE POWER

TWO young Melbourne engineers are looking to switch Australian businesses onto thousands of dollars in saving on electricity bills.

Working from the backstreets of Richmond, they have created an energy-efficient lighting system that could cut usage rates by up to 85 per cent.

The green technology would virtually eliminate

BRIDGET ROLLASON

light switches from buildings and make for the most effective use of electricity.

The co-founders of Melbourne's Organic Response technology, Chris Duffield and Danny Bishop, have been working towards a user-friendly lighting control system since 2009.

This month they will

represent Australia in the finals of three of the world's most prestigious technology awards in Hong Kong, London and Silicon Valley in the US.

The global lighting controls market is worth an estimated \$200 billion a year.

Mr Duffield said the technology was easy to install, something that could be done by an electrician and

was cheap to produce.

"The idea of lighting control is to have the lights on only when they are needed at the minimum intensity required," he said.

"Our system has a 1:1 ratio of sensors to light, so every single light is being driven at the minimum and optimum level for energy efficiency and for the comfort of the occupants."