



SWITCHED ON

CAFE & RESTAURANTS

Energy Savings Retrofit Program

CASE STUDY



**CITY OF
PORT PHILLIP**

VICTORIA

‘Switched ON to energy efficiency’ were 35 restaurants, cafes and bars in the cities of Melbourne and Port Phillip, who took part in this unique energy savings program.

A local council initiative, the Switched ON program gave cafes and restaurants in the two municipalities the opportunity to receive a free audit of their facility, and based on the findings, energy efficient lighting retrofits, which were part funded by the Australian Greenhouse Office.

Energy Conservation Systems, as consulting engineers and project managers for the Switched ON works, audited over 50 businesses in the space of just under a year.

Thirty-five businesses agreed to the proposed solutions which included various energy conservation measures. (See Key Solutions)

“The lights have gone in and everything looks great. Everything’s energy efficient and we got it at a fraction of the price”

- *Simon Watson, Jimmy Watson’s.*

Restaurants involved in the program included Jimmy Watson’s and Brunetti in Carlton;

“Nobody has really noticed anything different with the lighting, and we’re helping the environment at the same time”

- *Paul, Monroes.*

Monroes, Sapore and the Vineyard in St.Kilda; the Word Bar, F4, Sandbar

and Rivers Seafood in Melbourne and Southbank.

The Switched ON results were impressive. With an average payback period of 0.68 years, the program delivered an overall CO₂ reduction of 502 tonnes per annum, with total annual energy and maintenance cost savings of over \$52,000. The restaurant owners were the real winners.

KEY OUTCOMES

ENERGY SAVINGS
\$52,000 PER ANNUM

GREENHOUSE GAS SAVINGS
502 TONNES CO₂ PER ANNUM

PAYBACK
LESS THAN A YEAR

KEY SOLUTIONS

- INSTALLING MOTION SENSORS IN TOILETS
- INSTALLING PHOTOCELLS TO CONTROL EXTERNAL LIGHTS
- INSTALLING LIGHTSAVE ENERGY CONTROLLERS ON FLUORESCENT LIGHTS
- REPLACING WASTEFUL INCANDESCENT
- LIGHTING WITH MORE EFFICIENT TYPES
- UPGRADING HALOGEN LIGHTING



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