

# CASE STUDY



saving energy doesn't have to cost the earth™

**Product:** *Save It Easy® Inline T5 adaptor*

**Customer:** *Victoria University*

**Customer Contact:** *Available upon request*

**Location:** *Campuses at Footscray, Werribee, Melton, St Albans,  
Sunshine & Sunbury, VIC Australia*

**Investment:** *AUD\$250,000 (including T5 lamps)*

**Annual Savings:** *AUD\$73,700*

**Return On Investment:** *29% (simple payback = 41 months)*

**Greenhouse gas savings per year:** *477 Tonnes of CO<sub>2</sub> equivalent*



## Project Description:

Victoria University is now saving energy the *Save It Easy®* way! Following an energy audit conducted in the second half of 2006, Victoria University (Vic Uni) identified a number of opportunities to significantly reduce its energy consumption.

One of those opportunities related to the replacement of electromagnetically ballasted 36W T8 fluorescent lamps across six campuses with more efficient technology electronically ballasted 28W T5 fluorescent lamps.

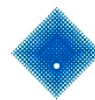
Lighting typically accounts for around 25% of the total electricity consumption in a commercial environment and savings can quickly be realised through lighting upgrades. Converting to the shorter T5 electronic fluorescent lamps would normally require existing magnetically ballasted T8 fittings to be replaced. That is until the *Save It Easy®* solution was presented as a viable alternative for less than a third the cost of replacing entire luminaires.

Project teams were set up at each campus and the *Save It Easy®* solution implemented in stages to fit in with campus activities and also take advantage of campus vacation periods.

Using *Save It Easy®* Vic Uni was able to retrofit T5 tubes into all of the old T8 fluorescent lamp luminaires and in the process gain at least a 25% energy saving on their fluorescent lighting costs. At one campus a comparison of their electricity bill over two corresponding periods, 12 months apart showed a reduction in cost of 11% of the total electricity consumption.

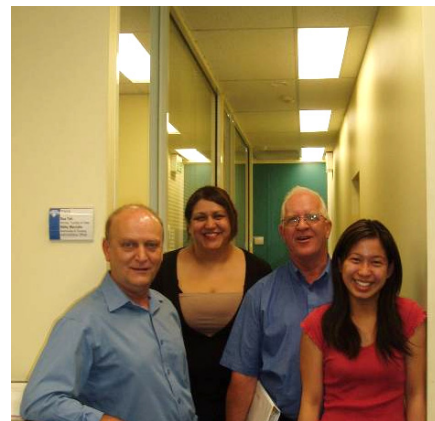
Importantly, this initiative has also resulted in significant annual reductions in Greenhouse Gas of approximately 477 tonnes.

The *Save It Easy®* solution needed no replacement of light fittings, no re-wiring and was completed with minimal delay and disruption. Installing *Save It Easy®* was as simple as re-lamping the old T8 fittings and in Vic Uni's case as shown in the summary above, had a payback of less than four years. From the smiles on the faces of the implementation team pictured here, the savings generated and ease of installation has certainly made life easier for everyone involved!



**VICTORIA  
UNIVERSITY**

**A NEW  
SCHOOL OF  
THOUGHT**



*The Save It Easy® project team is all smiles at Victoria University's Nicholson St Campus in Footscray – (L-R Glenn Oxley, Ana Raffetto, Geoff Smith and Sue Teh). Lights shown in background are post conversion to T5*

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