



- ❑ An office block comprising 5 floors.
- ❑ There were 957 fluorescent globes in total with only 635 in operation at the time of the audit.
- ❑ The globes were 40w and operated for an average of 65hrs per week.
- ❑ If charged at 7c per hour this would cost the building **\$11,246** pa.
- ❑ Within the building there were 383 double bay fluorescent fittings.
- ❑ It was recommended that the double fittings be replaced with single bay light fittings and quicksilver reflectors.
- ❑ It was also recommended that standard globes be replaced with tri-phosphor globes which last up to 55% longer.
- ❑ This retrofit would cost an estimated **\$16,277.50**.
- ❑ It was estimated that the annual energy savings would be **\$4,827**pa and the savings in maintenance would be **\$1,399**pa.
- ❑ **TOTAL SAVINGS POST RETROFIT = \$6,227**pa.