# proenergy

ASHA 114 Great Western H'way Energy Saving Report

## Non-sensor LED Tube Lighting Up-grade - 100% ROI.

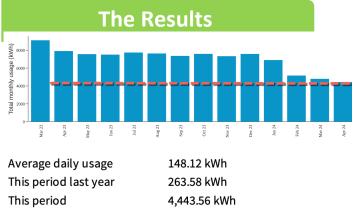
The Building Manager at 114-116 Great Western Highway in Westmead, Chad Darke is an experienced Building Manager, and he has delivered many LED lighting projects that have cut energy bills in half.

In January 2024, Chad encouraged his client Strata Committee to replace 61 X NON-SENSOR Tube fittings in the fire stairs, with commercial quality Motion sensor solid-state LED fittings.



Why? Because he knew lights running 24 hours a day, use a lot more energy than lights dimmed to 10% and lights on landings can be dimmed to Off until movement is detected– that's a 100% saving.

#### Take a look at the April energy bill....



Average daily cost (incl GST \$60.18

### Energy saved is 28,470 kW/H per year or 467 kW/H per Fitting.

The power bill doesn't lie....

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# Chad knew the fire stair lighting up-grade was a sound business decision and he was right!

The results are compelling, especially as half the fittings were Emergency type, which cost more than Standard fittings.

FIRE STAIRS	
Total Number of Fittings:	61 - Av. \$163 cost
Net Owners Corporation Investment: Ex.GST	\$9,948
kW Energy Savings per year:	28,470
Kilowatts saved per fitting	467
At 36 cents per kW/H	\$10,249
Energy saved per Fitting	\$168
Maintenance saved	54 fittings X \$60
Emerg. Batteries etc	\$3,240
Total Savings:	\$13,489
Warranty:	
5 Years – full service	(2 Year on Batteries)
Return on Investment:	136%
Months to Payback	8.8

#### Buildings with NON-SENSOR light fittings in car parks and fire stairs

That's a saving of \$168 per fitting when the energy costs 36 cents per kW/Hr.

There is a 5-year full-service Warranty on all Proenergy fittings and a 2-year Warranty on Emergency batteries. Our fittings are NOT the cheapest, <u>but they last the longest</u> – means we deliver the lowest Total Cost of Ownership.

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