

Planet Savers Australia conducted an energy audit on the 24<sup>th</sup> of March 2015 with the student leadership of Albert Park Primary School. Students identified numerous opportunities to reduce energy consumption, save money and cut GHG emissions throughout the campus.

Planet Savers Australia then compiled a comprehensive level II report with full cost benefit analysis of the recommendations to replace and upgrade inefficient equipment providing over 35% savings and generate the remaining power requirements from 100% renewable energy. Below is a summary of efficiency recommendations that were made as a result of the audit.

Recommendation	Savings per Year		GHG pollution saved	Cost	Payback
	kWh	\$	tonnes	\$	years
Switch off at recess, lunchtime and after-school	7,075	1,698	8.3	0	immediate
* Replace twin T8 fittings with energy efficient LED Panels	26,002	6,241	30.7	26,400	4.2
Replace emergency exit lighting	1,752	420	2.1	1,000	2.4
Replace T8 security lighting with 10watt LED	1,622	292	1.9	1,416	4.8
Replace traditional security lighting with motion sensed LED	2,849	570	3.4	700	1.2
Switch off refrigerator lighting	1,104	265	1.3	0	immediate
Switch off interactive whiteboards	1,620	389	1.9	0	immediate
<b>Totals</b>	<b>43,503</b>	<b>10,229</b>	<b>51</b>	<b>30,816</b>	<b>3</b>
* Figures are based on only one of these measures being implemented. Savings are not accumulative. Total represents estimated maximum savings possible. All costs and savings are exclusive of GST					

