

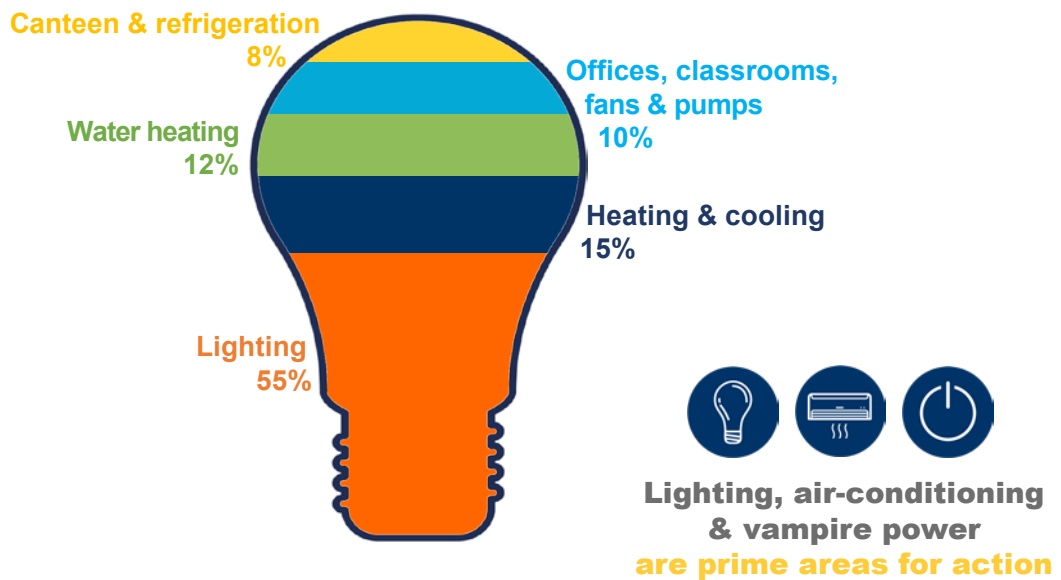
Schools Energy Program.



2 Reducing Electricity Wastage.

Reducing electricity wastage in the classroom is an easy way to save energy. There are **three key areas** of electricity use in NSW schools. In this fact sheet we provide handy tips to reduce energy waste in these areas.

Main sources of electrical consumption in NSW schools



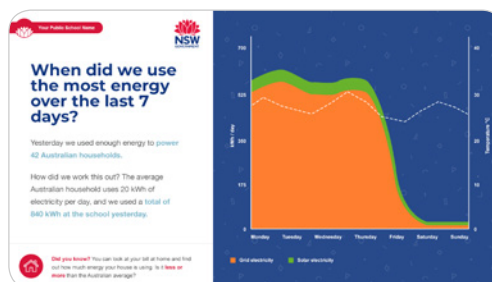
Electricity Checklists.



[CLICK HERE FOR OVERNIGHT & END-OF-WEEK SHUTDOWN CHECKLISTS](#)

ERM will support your school to reduce its energy use via a range of initiatives over the coming months.

Your school now has a Posterboard that displays your energy statistics.



Reducing your energy wastage is an easy opportunity to save money. **Teaching students to turn off power when not in use has multiple benefits to schools, households and the environment.**



Lighting

Lighting is the biggest electricity consumer in NSW schools.

- ✓ Turning lights off when you are not using classrooms can add up to great savings.
- ✓ Your classroom lights should be switched off over morning tea and lunch time and don't forget to switch them off when leaving each day.

FACT: LED lights provide better efficiency than fluorescents.

Leaving fluorescent lights on all the time **DOES NOT** save energy.



Heating & cooling

Our winters are often cold in NSW so heating can be an essential part of our winter school hours.



To maximise energy use when heating:

- ✓ Ensure all windows and doors are closed.
- ✓ Use a cost-efficient heating system such as gas heater where possible.
- ✓ Set the temperature to 19-21°C. Turning it down just 1°C, can save 8% on heating costs!



To maximise energy use when cooling:

- ✓ If your school has fans use them first, open windows and doors and get the air circulating.
- ✓ Prior to switching on air-conditioning, be sure to close all windows and doors.
- ✓ Set the temperature to 23-25°C.
- ✓ Consider turning off the system for 10 minutes or so every hour.

Don't forget to switch off all heating and cooling units when leaving the classroom over breaks.



Vampire power

Most devices have a standby mode and are drawing power when not in use. This is referred to as **vampire power**.

Standby power amounts to over \$860m per year across Australian households.

Mobile phone and other charging devices use energy even when they are not charging, this is known as **energy leakage** and is another form of vampire power.

Using a power board makes it easier to turn off multiple devices at the wall plug.

DID YOU KNOW?

- Leaving lights on overnight can triple your school time energy usage.
- Monitors use a third of a PC's energy use.
- Reducing your monitor's brightness from 100% to 70% can save up to 20% of the electricity your monitor uses.
- Screensavers **don't** save energy!
- Leaving one computer on overnight creates enough CO₂ emissions to fill a double decker bus!
- Renewable energy accounts for only 5% of our energy consumption, solar energy is abundant in Australia and is very well suited to a school's day time energy usage.

Next steps.

You will receive a **School Energy Report**. It will contain information about unique ways you can reduce electricity consumption at **your school**.

Up Next: Explaining demand charges and how to manage them.

