

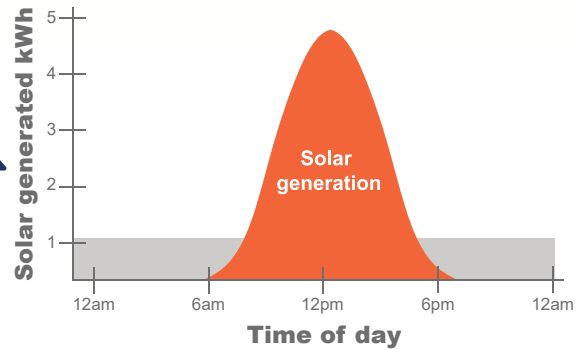
# Schools Energy Program.



## 5 Improving energy efficiency.

### Solar energy.

Unlike households, school energy use occurs at the same time as solar production, so any energy produced is used around the school instantaneously. Schools also often have an abundance of suitable rooftop locations making them perfect for solar power.



### How much can we save through solar?

Solar energy will have a significant impact on your energy bills. As part of SEP, ERM have undertaken an audit of your school's energy needs leading to recommendations on system sizing and other energy reduction programs.



By utilising the solar energy generated from your solar system directly around your school you will draw less power from the grid which reduces your electricity bill.

It will also assist you in managing your demand by keeping your overall energy use under the demand threshold.

### Did you know?



The sun's energy takes a million years to travel from the heart of the sun to its exterior. Once there, it only takes 8 minutes and 20 seconds to reach Earth!

Australia receives an average of 58 million PJ (petajoules) of solar radiation per year, approximately 10,000 times larger than our total yearly energy consumption!

### Next steps.

Schools Infrastructure NSW will continue to work with you to arrange your solar photovoltaic upgrade project. In the meantime, we encourage you to achieve further energy savings through our previous updates and the Info Hub.