



# Smart Energy Schools Pilot Project

## Fact sheet

### How does it work?



**79** NSW public schools are participating in the Smart Energy Schools Pilot Project.



About **7,488** solar panels will be installed, capable of generating around 2.5 gigawatt hours of electricity a year.



The **79** battery energy storage units will have 4,605 kilowatt hours of storage capacity.



Batteries will be charged and discharged at different times depending on on-site demand, the spot price of energy and electricity grid demand.

### What are the benefits?

It is estimated the rooftop solar systems will help reduce emission by 3,227 tonnes of CO<sub>2</sub> a year, the same as taking 992 cars off the road.

The systems are expected to help reduce school energy bills by about \$800,439 a year.

The costs and savings of deploying the technology will be assessed as part of the trial, including new revenue opportunities from participating in a Virtual Power Plant, avoided electricity network costs, or other third party payments.

### Who is involved?

The first group of schools in the project were selected from the Cooler Classroom Program to test whether the solar and battery energy storage systems could help avoid costly and lengthy electrical upgrades.

The second group of schools were selected based on their suitability to operate as part of a VPP.

Seven schools now in the program were part of an earlier trial of solar and battery technology.

#### For more information:

Visit the [Smart Energy Schools Pilot Project webpage](#) or email [schoolinfrastructure@det.nsw.edu.au](mailto:schoolinfrastructure@det.nsw.edu.au)