



## CASE STUDY – CRONULLA HIGH SCHOOL

Cronulla High School is a co-educational beachside school located in Sydney’s southern suburb of Cronulla. The school qualified for a \$50,000 grant under the Federal Government’s National Solar Schools Program (NSSP), which encourages schools to take practical action to address climate change by adopting energy efficiency measures such as solar power.

From start to finish, Solgen Energy managed the installation of a 5.1kWp system on the Science Building roof. This included coordination of the funding process, workplace safety compliance and staff training, therefore ensuring the whole process was hassle-free for the school.

### BENEFITS

The system not only improves energy efficiency, reduces energy consumption and operating costs, but provides educational outcomes for students and demonstrates the school’s commitment to climate change.

In addition to these benefits the installation will also:

- Generate approximately 8.2 Megawatt hours of electricity per annum, or enough solar energy to power 4 to 5 classrooms for a year.
- Prevent about 8.2 tonnes of greenhouse gases from entering the atmosphere each year, or the equivalent of removing a car from the road for one year.
- Address climate change and raise awareness of renewable energy in the community

### TESTIMONIAL

*“Solgen Energy’s installation of solar panels provides a great opportunity for education concerning renewable energy sources. Solgen Energy was efficient and professional and kept the school informed at each stage. We are all excited about the potential for students and for the school.”* **Julie Oliver, Head Teacher Science.**

power for life



### PROJECT OVERVIEW

LOCATION	Cronulla NSW
DATE COMPLETED	November 2009
SYSTEM PEAK CAPACITY	5.1 kWh
SOLAR PV MODULES	30
PRODUCT	Schott Solar 170W
GREEN SAVINGS	8.2 tonnes of emissions annually
ENERGY GENERATED	8.2 Megawatt hours each year

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