Leading by Example - Inspiring Tomorrow's Citizens

PLANET ARK Power™
Cleaner energy. Lower cost.

Cranbourne Park Primary School

144,379 kWh
ANNUAL ELECTRICITY PRODUCTION

48%
SAVINGS ON ENERGY BILL

Cranbourne Park Primary School commissioned the installation of a 99 kW solar system from Planet Ark Power

"Planet Ark Power's response was fantastic when we raised concerns around the rooftop installation. They adapted the design at short notice - they were flexible and had expert engineering input."

Steven Condon, Assistant Principal, Cranbourne Park Primary School April 2019.

Best Way to Teach Is Through Action

Cranbourne Park Primary School installed a 99 kW rooftop solar power system to offset their energy bill, teach students about reducing carbon emissions, and develop an eco-conscious community which is kinder to the planet.

Flexible, Expert Engineering Design

Planet Ark Power's experienced engineers designed the placement of 300 solar panels across multiple roofs at the school, taking into consideration structural challenges at the site.

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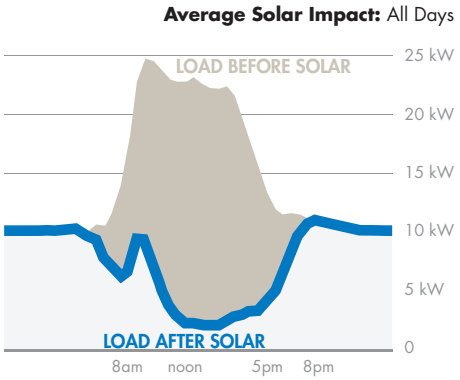
Astounding Savings from Green Power

The rooftop solar system is generating 144,379 kWh/year on campus, exceeding performance expectations. The school is saving 48% on their overall energy bill as the system can also export all excess solar energy back to the grid with an optimised tariff price.

As the energy savings are greater than the rental repayment, the school can judiciously redirect their resources back into the upkeep of the school and, most importantly, the education and welfare of their students.



Energy Savings (Year 1)	Total System Savings (25 years)
$19,808	$612,028

Additional Full Export Benefit (Year 1)	$7,500

Measurable Environmental Impact

By installing solar panels, the school will continue to reduce their carbon footprint over the next 25 years. The impact can be measured immediately as 154 tonnes of CO_2 emissions are offset within the first year itself.

Location

Cranbourne, Victoria 3977

System Size

99 kW, 300 solar panels

4 x SMA inverters

Annual Electricity Production

144,379 kWh

Emission Savings

CO_2 savings Year 1

154 tonnes CO_2-e

CO_2 savings over 25 years

3,596 tonnes CO_2-e

Environmental Benefits Equivalent over 25 years

Planting 514 trees

Taking 1,498 cars off the road for a year

Hassle-Free Project Coordination

Each client is assigned a dedicated business manager who coordinates all aspects of the project from initiation to installation.
“Planet Ark Power’s team managed every stage for us - from design to installation - communicating updates so we understood each stage without us having to shift our focus and time to this project instead of school administration,” said Condon.

Consistent After-Sales Support

With regular monitoring and quarterly performance reports, Planet Ark Power ensures the system is performing at its peak capacity and any irregularities are fixed promptly.

Flexible Rental Options

Through an operating lease, any school can save money on their power bill with a solar system installed at no upfront cost. In most cases, the savings start as soon as the system is turned on. Within the lease's tailored rental term, full operational and maintenance services and an output guarantee are provided by Planet Ark Power to ensure optimum system performance and expected financial returns.
For more information, visit www.planetarkpower.com/schools/