

Solar for education facilities

Clonard college go for twice the sunshine



Running a school requires lots of energy and isn't cheap – especially for nearly 1,000 people, nine hours a day. Using everything from air conditioners and lighting, to computers and other high-usage appliances, it was obvious Clonard College needed a change. So we approached them with a tailored solar option to reduce their operating costs.

Who is Clonard College?

Clonard College is a Catholic girls secondary school in Geelong, Victoria. The three-hectare site holds 850 students and 110 staff. Not surprisingly, the small 5kW solar system installed by the Government in 2009 wasn't making the cut – particularly as the school doubled its size in 2012.

How did they go solar?

We got in touch with Clonard's Business Manager, Tom Harriott, with a custom solar proposal. We outlined their energy usage, as well as their potential savings if they switched to Solar Flex – our new solar option allowing businesses to lock in a lower solar electricity rate for daytime usage, while we own, maintain and operate the solar system on their roofs. This meant they wouldn't have to pay for the solar system*.



The outcome

By looking at Clonard's roof space and electricity consumption patterns, we estimated they could save \$51,000 over the 15-year term. So with the school's go ahead, we designed a 60kW and 10kW solar system that spread across the roofs of the older and newer sections of the school.

"The system has now been installed and we're excited to see the savings on our electricity bill, but also happy about the reduced impact we'll have on the environment," says Tom. "The College is the only secondary school in Victoria with a five-star sustainable rating in Victoria, and with the new systems, we're hoping to keep it that way."

"Switching to Solar Flex was also quite a simple process, with minimal disruption to the school's day to day running. Going solar has been an option in the past, but with the costing, it just wasn't affordable for the school, until now. We are also planning on using the data from the solar system log for our students to analyse in their classes, so they can see the positive impact on the school too!"

Solar Flex is an option for education facilities wanting to reduce their energy spend and carbon footprint, without having to make a capital investment in a solar power system.

The electricity produced by solar power will provide Clonard College with a reduced daytime electricity rate, for the term of their Solar Flex agreement.

*Other upfront non-system costs may apply with Solar Flex but these will be quoted or listed as exclusions prior to sale. Actual savings will depend on a range of factors particular to your circumstances, including daily consumption levels and patterns, distributor or network restrictions (currently or in the future) and grid electricity rates and feed in tariffs. Origin cannot forecast future grid electricity rates and you must factor this in to your decision to take up this service.

Solar Flex – The new way to save with solar



Greater certainty on energy costs
Lock in a low solar energy rate



\$0 Capital investment
No capital investment for the solar system* means you can save from day one



Maintenance included
We will maintain, manage and monitor the system



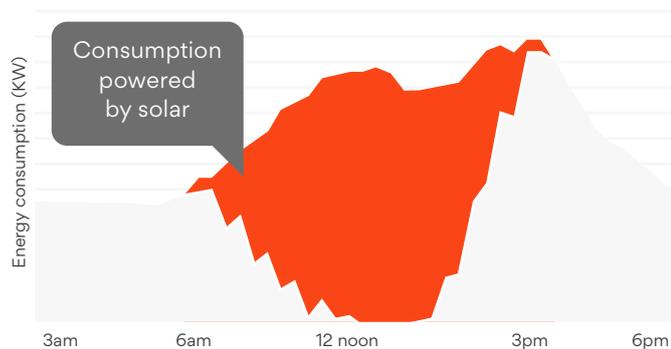
Sustainability included
Demonstrate to staff and customers your commitment to the environment

Switching to solar doesn't require a large upfront capital investment*. With our Solar Flex, you'll be able to leave the ownership and upkeep of your solar system to us — which means you can start saving from day one, without any capital investment* to buy the system or ongoing maintenance costs.

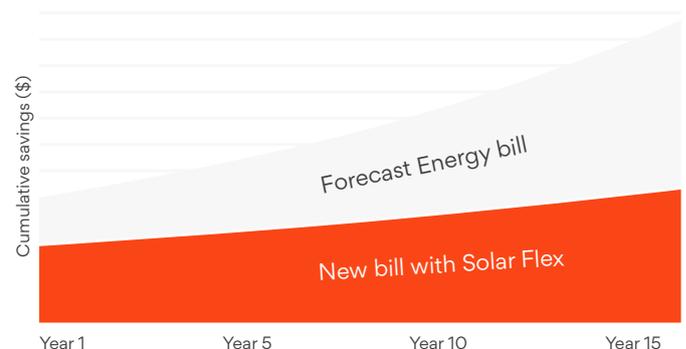
With Solar Flex, we'll install a solar system that's tailored to your roof and electricity consumption habits, and your business will have access to a new low solar electricity rate for any electricity the system produces during the day.

You'll sign an agreement from as short as 5 years up to 15 years where you purchase the energy generated by the system, with certainty around the solar energy rate over that period. This means, you'll be able to purchase the electricity at the low solar energy rate for the full term of the agreement (with the option of CPI escalation or not). And at the end of the term, you can offer to buy the system outright or continue on with the agreement.

Energy consumption



Cumulative savings with Solar Flex



*You may incur other non-system costs but these will be quoted or listed as exclusions prior to sale

Go solar upfront with our outright purchase solution

If you're looking to purchase a solar system outright, we can design and construct one for you – and we'll hand over the ownership to you. You'll still have the support of our experts throughout the entire process, from installation and grid connection application, to meter exchange and rebate facilitation.

And, if you're concerned about paying for the system upfront, we offer payment options to help pay for the system.

Contact us

If you're interested in finding a solar solution that's right for your business, chat to one of our experts today on **1300 134 138**

originenergy.com.au/business/solar