

POWERWALL

Stand alone Powerwall providing backup to semi-rural home



"Living on semi-rural acreage in Northwest Sydney without access to town water supply has always been challenging during planned or unplanned power outages and the Summer bushfire season. The choice to install a Tesla Powerwall rather than a generator was one of the best decisions we have made, as it provides a seamless back up power source, with no ongoing maintenance required, during both planned and unplanned power outages. The installation process was simple and customer focussed to address our needs and requirements, and the Powerwall is an elegantly designed addition to our home. Since the installation last year the Powerwall has provided seamless back up power through seven planned and unplanned power outages".

Christopher & Michael

OPPORTUNITY

Christopher and Michael live in Maraylya, NSW. Living in a semi-rural area, their property is subject to both planned and unplanned grid outages. Their property operates on an electric water pump, meaning grid outages can leave them without running water. This poses a risk to Michael, who operates a hairdressing service from their house. If a grid outage were to occur whilst a client has dye in their hair, they would have no water to wash it out. Additionally, living in an area which has endured bush fires in the past, access to a reliable power supply & water is crucial.

SOLUTION

Christopher & Michael explored a range of backup solutions for their intermittent power supply including diesel generators, which would have required regular maintenance and was expensive to run. They decided to install a 13.5 kWh stand alone Tesla Powerwall, which charges from the grid, and seamlessly discharges power when a grid outage occurs. The Powerwall provides quiet, clean energy with real time monitoring, at a similar price to the diesel generators they were researching.

RESULTS

Since install, Christopher & Michael's property has endured seven planned and unplanned grid outages, with Powerwall seamlessly connecting to power their home every time. The Tesla app notifies Christopher and Michael when back-up mode is engaged due to a grid outage, allowing them to maximise Powerwall's backup supply.

Customer

Christopher & Michael

Location

Maraylya,
New South Wales



Powerwall Size

13.5 kWh

Applications

Stand Alone
Backup

Commissioned

March 2018