

CASE STUDY: 15kW SOLAR PPA – WILLOW TREE PETROL STATION



GENERAL INFORMATION

Site Address: Willow Tree Petrol Station NSW 2339
Building Type: Petrol Station
Daily Electricity Usage: 200 kWh

PROJECT INFORMATION

The project is a regional petrol station located in Willow Tree. With consistent electricity usage from Air Conditioner and light during the day and night, it results in high electricity usage along the year. Arc Renewable was contacted by the client to help to reduce their energy bill through Power Purchase Agreement (PPA).

OUR SOLUTION

The 15kW solar system is being rolled out through a Power Purchase Agreement (PPA) between client and Arc Renewable Group. Under this arrangement, our client is able to secure long term renewable power at a 43% discount compared to purchasing energy on the wholesale market.



RESULTS



Estimated
Lifetime Savings

\$55,400



Annual CO₂e
Reduction
Equivalent

24.5 Tons



PPA Duration
(Yrs)

14



Tariff Reduction
(%)

43%