

CASE STUDY: 13kW SOLAR PPA – St. Joseph’s Maronite Church, Croydon



GENERAL INFORMATION

Site Address: Croydon NSW 2132
Building Type: Church, Office
Daily Electricity Usage: 95 kWh

PROJECT INFORMATION

The project is a church and office located in Croydon. With consistent electricity usage from Air Conditioner and light during the day and night from the office, 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 13kW 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 35% discount on daytime tariff compared to purchasing energy on the wholesale market.



RESULTS



Estimated
Lifetime Savings

\$88,698



Annual CO₂e
Reduction
Equivalent

14.8 Tons



PPA Duration
(Yrs)

12



Tariff Reduction
(%)

35%