

# case study



## Stafford Rangers Football Club

A football club is boosting its chances on the pitch by making savings off the field with nearly 200 solar photovoltaic (PV) panels.

Renewable Energy Investments (REI) arranged for the 50 kilowatt peak (kWp) system to be fitted free of charge at the club's Marston Road stadium through its partner Paramount Energy Solutions. The solar energy produced every year will meet 37% of the club's 86,700 kWh annual usage.

Rangers will purchase zero carbon electricity from renewable energy investor and developer REI at a heavily discounted rate under its Solar Power Purchase Scheme. It will then assume ownership of the 192-panel system entirely in 20 years. Chairman John Bromley said:

"They did an excellent job and we are already seeing the full benefit.

"It means we have more money to spend on players' wages. We have already increased the manager's budget as we prepare for next season."

Giles Birch, Paramount Director of Operations, said: "With three function rooms, a café open seven days a week and a social club bar, the club will use the solar PV power all the year around.

### System specification

Size of system: 50 kWp

Forecast Output: 45,400 kWh

Carbon savings: 14.1 tonnes Co2/annum

20 year saving: £117,000

