

MC Group

Southampton, United Kingdom

Technology: Solar PV

System size: 280.4kWp

Annual Output: 288,313kWh

Annual CO2 savings: 61.2 tonnes

Payback period: 3 Years

25-year net profit: £3.9 million

MC Group is one of the leading suppliers of commercial transport solutions in the UK. With more than 30-years experience in the transport industry, they serve a variety of sectors including retail distribution, construction, food manufacturing and distribution, local authorities, waste and recycling, and emergency services.

The 280.4kWp solar PV system installed at the depot in Southampton is estimated to generate 288,313kWh of clean energy each year; reducing their carbon footprint by more than 61 tonnes per annum. As well as significantly improving the sustainability credentials of the transport company, the large-scale solar PV system installed for MC Group is estimated to generate a net profit of more than £3.9million for the company over the next 25-years. Positive early data indicates the solar panels are generating in line with the financial projections and likely to pay for themselves within three years.



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“We had installed LED lighting at all of our sites and implemented automatic controls on our boilers and lights. But then you get to a point where there’s only so much you can do. A solar panel system seemed the next logical step and the sensible thing to do. We created a tender document and sent it out to about five different potential suppliers. Initially it was to work out which suppliers could do it in a reasonable timeframe, and then we had our criteria to score suppliers and Solarsense came out on top. We use up to 70% of the solar energy we generate on-site, generating a quick and healthy return on investment. We also know the cost of 40% of our electricity for the next 20 years. It takes quite a weight off your mind.”

Peter Booth, Group Financial Director - MC Group

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