

A background image showing a person climbing a tree, with a green banner at the bottom containing the title.

CARVERS CLUBHOUSE CASE STUDY

PROJECT OVERVIEW

Carvers Clubhouse is a community sports and recreation facility at Carvers Recreation Ground in Ringwood, run with Ringwood Town Council. To cut the running costs of a building used daily by local sports teams and community groups, the clubhouse worked with DES Renewables to install a 29.57 kWp rooftop solar PV system generating clean electricity on site.

Carvers Clubhouse commissioned DES Renewables to install a 29.57 kWp rooftop solar PV system. Alongside the array, DES carried out the supporting electrical works, including a 10mm five-core SWA supply run with SWA glands and a weatherproof enclosure. Scaffolding was used for safe roof access, and the completed system was handed over on 27 March 2025.

PROJECT DETAILS

Company Name: Carvers Clubhouse
Location: Carvers Recreation Ground, Ringwood,
Hampshire BH24 1JD
Solar System Capacity: 29.57 kWp
Installation Type: Rooftop solar PV
Project Timeline: Around two months from
design to commissioning, handed over 27 March
2025





OBJECTIVES

Reduce electricity costs

- Reduce the electricity running costs of a busy community clubhouse
- Generate clean power on site for the hall, changing rooms and facilities
- Reduce reliance on grid electricity and exposure to rising energy prices
- Demonstrate responsible energy use to the sports teams and community groups who use the site
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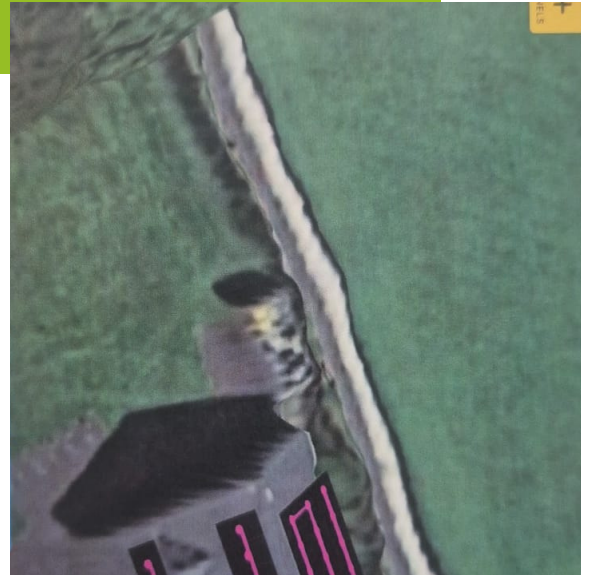
BESPOKE ASSESSMENT AND DESIGN

INITIAL ASSESSMENT

DES Renewable Energy conducted a comprehensive assessment of roof space, structural considerations, sun exposure, and interlocking constraints. This ensured optimal placement and system sizing to maximise energy production and long-term reliability.

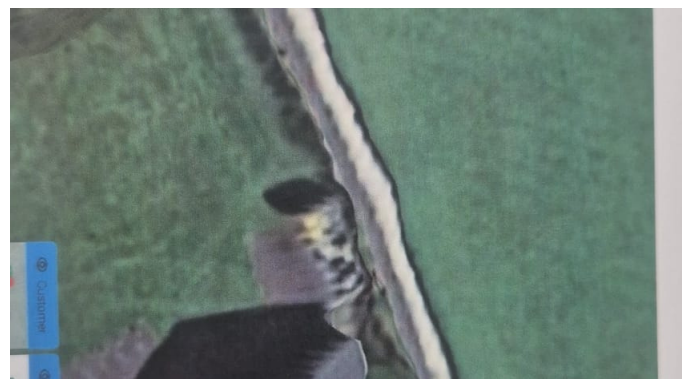
PERMITTING AND APPROVALS

DES Renewable Energy ensured compliance with building regulations, electrical standards, and industry best practices. All necessary permits and approvals were obtained to guarantee a fully compliant and safe installation.



SYSTEM DESIGN

The system was designed as a 29.57 kWp rooftop array, sized around the clubhouse roof and the building's day-to-day electrical demand. DES also specified the supporting electrical infrastructure, including a 10mm five-core SWA supply run with SWA glands and a weatherproof enclosure, so the array integrates safely with the existing installation.



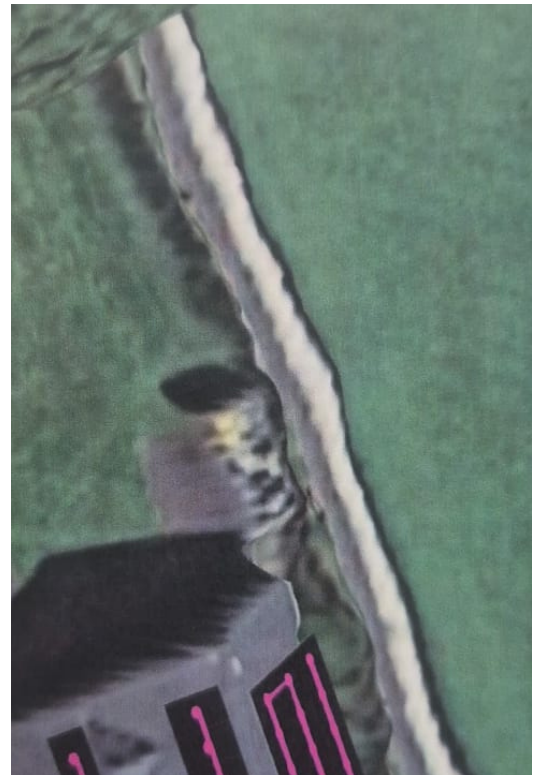
INSTALLATION AND COMPLETION

INSTALLATION AND COMMISSIONING

The installation was carried out with minimal disruption to the day-to-day site operations. Panels were securely mounted, connected to the inverter, and integrated with the existing electrical system. Comprehensive testing and commissioning verified the system's performance, functionality, and safety.

WHERE DES RENEWABLE ENERGY ADDS VALUE:

From initial assessment to completed commissioning, DES Renewable Energy provides a turnkey solution that ensures optimal energy generation, regulatory compliance, and sustainable operational savings.



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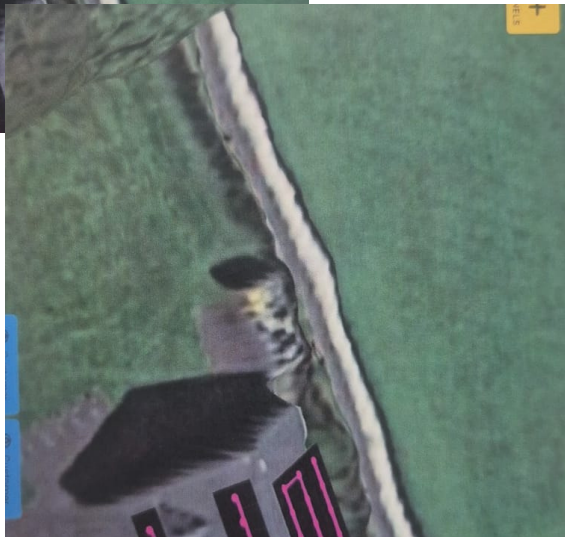
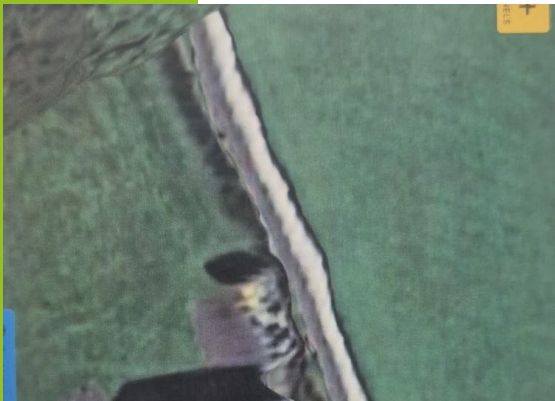
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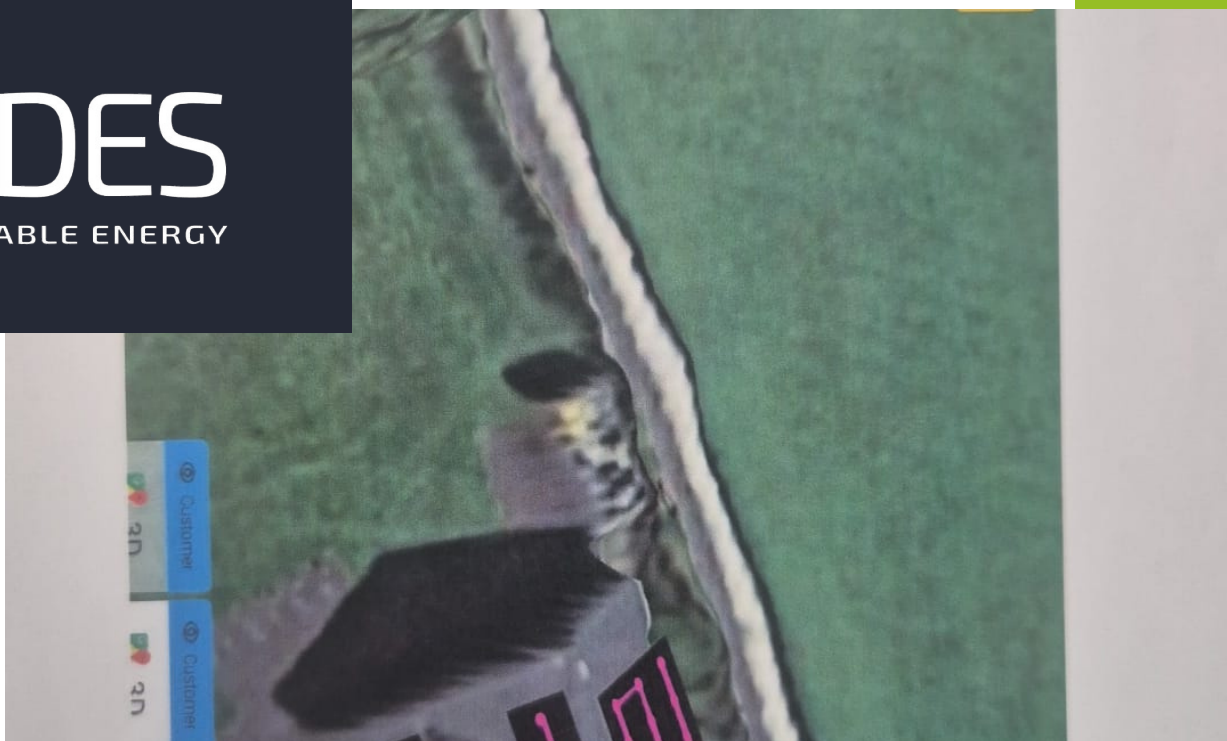
AT A GLANCE

- 29.57 kWp rooftop solar PV system
- Community sports and recreation clubhouse in Ringwood
- Delivered in partnership with Ringwood Town Council
- Supporting electrical works: 10mm five-core SWA supply run, SWA glands and weatherproof enclosure
- Scaffolded access for safe roof works
- Completed and handed over on 27 March 2025
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BENEFITS

- Energy Cost Reduction: clean electricity generated on site reduces the clubhouse's grid consumption and running costs
- Environmental Impact: on-site renewable generation lowers the facility's carbon footprint
- Community Value: lower overheads for a building used daily by local sports teams and community groups
- Compliant Installation: rooftop array and supporting electrical works delivered by an MCS and NAPIT certified installer
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OUR ACCREDITATIONS

We are MCS Certified which guarantees that our installations have been designed, installed, and commissioned to the highest standard using only MCS certified products.

We are also NAPIT Certified which confirms that we are certified to install and self-certify all of our electrical installations. We also comply with the Renewable Energy Consumer Code (RECC).



Electrical Safety
Register