



BERE REGIS SPORTS CLUB CASE STUDY

PROJECT OVERVIEW

Bere Regis Sports Club is a community sports club in Bere Regis, Dorset. To reduce the running costs of its clubhouse and support its environmental goals, it partnered with DES Renewable Energy to install a solar PV and battery storage system that lowers energy bills and supports its long-term sustainability goals.

Bere Regis Sports Club commissioned DES Renewable Energy to install a solar PV system with battery storage at its clubhouse, including three Solax LV5.3 batteries (approx. 15.9 kWh). The project aimed to reduce electricity costs, lower carbon emissions, and enhance long-term financial sustainability.

PROJECT DETAILS

Company Name: Bere Regis Sports Club

Location: North Street, Bere Regis, BH20 7LA

Solar System Capacity: To be confirmed

Battery Storage: 3 x Solax LV5.3 (approx. 15.9 kWh)

Installation Type: Rooftop solar panels with battery storage

Project Timeline: Delivered 2026, from survey to commissioning





OBJECTIVES

Reduce electricity costs

Reduce electricity costs and
dependence on grid energy

Improve environmental
sustainability by reducing carbon
footprint

Achieve long-term operational
savings and financial returns

Demonstrate responsible energy
practices to members, visitors and
the local community



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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 pairs rooftop solar panels with three Solax LV5.3 batteries (approx. 15.9 kWh) to maximise self-consumption, integrated with the clubhouse's existing electrical infrastructure for efficient energy management.



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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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AT A GLANCE

- Rooftop solar PV array (system size to be confirmed)
- 3 x Solax LV5.3 battery storage (approx. 15.9 kWh)
- Maximised self-consumption of clean energy
- Reduced electricity costs and carbon footprint



BENEFITS

Energy Cost Reduction: Lower electricity bills and reduced reliance on grid energy
Environmental Impact: Clean energy generated onsite reduces the clubhouse's carbon footprint and supports sustainability goals
Financial Returns: Savings on energy costs contribute to long-term financial sustainability
Public Image: Demonstrates responsible energy practices to members, visitors and the local community



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



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