

Burgess Hill Constitutional Club

Solar Case Study



From Vision to Reality

The Burgess Hill Constitutional Club had a clear goal: to **reduce operational costs, enhance sustainability, and future-proof its energy supply**. With rising energy prices and increasing environmental awareness, the Club sought a solution that would deliver long-term value for both its members and the planet. Partnering with local solar experts PDP Services, the Club turned this vision into reality with a cutting-edge solar installation.

Objectives

Return on Investment (ROI)

Reduce electricity bills and reinvest savings into Club facilities and events.

Carbon Footprint Reduction

Significantly lower CO₂ emissions to support environmental goals.

Grid Independence

Minimise reliance on the national grid for greater energy security and cost predictability.

Solution

A Bespoke Solar Panel System consisting of:

- System Size: 27 kWp solar PV system
- Battery Storage: 20.72 kWh capacity across two batteries
- Ongoing monitoring and energy management.
- Installation on three flat, south-facing roofs.

BENEFITS

Powerful Generation

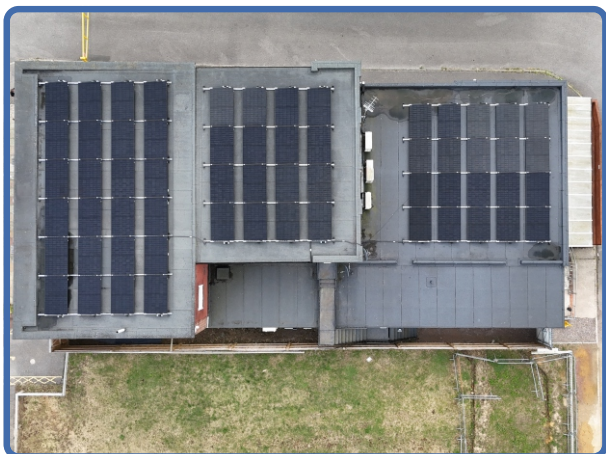
The newly installed system produces over 26,000 kWh of clean energy every year, covering more than half of the club's total electricity consumption.

Smart Energy Use

With battery storage, the club now achieves approximately 57% independence from the grid - meaning their energy bills will stay lower and more predictable.

Community

Lower running costs mean more funds available to reinvest into the club for members to enjoy and benefit from.



- Annual Generation: 26,319 kWh
- Grid Import Reduction: 43%
- Payback: Around 5 years
- Estimated Annual CO₂ Savings: 9,449 kg

Conclusion

PDP Services worked alongside the Burgess Hill Constitutional Club to enable them to meet their energy saving objectives. **The club has reduced its electricity bill, reduced its reliance on the grid, and reduced its carbon footprint - saving over 9 tonnes of CO₂ each year.**

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