



CASE STUDY



PARK HALL

RESORT & SPA

Installed in

**4
Weeks**

Annual
reduction of

**43
Tonnes**
of CO₂ emissions

£24K

Savings p.a in
electricity costs

**201.6
kWp**

Array output

Park Hall Hotel is a landmark venue in Chorley, operating within the leisure and hospitality sector. With extensive facilities including guest accommodation, leisure amenities and function spaces, the site has a high and consistent energy demand throughout the year.

Rising electricity costs were placing increasing pressure on operational budgets, prompting the business to explore renewable energy solutions as a way to reduce long-term expenditure without impacting guest experience.

To achieve this, Park Hall Hotel partnered with Shawton Energy to install a 201.6 kWp rooftop solar PV system under a fully funded 25 year Power Purchase Agreement (PPA). This enabled the hotel to benefit from clean onsite energy with no upfront capital investment.

THE PROCESS

The solar PV system was designed to maximise generation across 895.2m² of the hotel's roof, using 448 high-efficiency panels and 3 commercial-grade inverters. It is expected to produce 202,315 kWh of renewable electricity each year, powering a significant share of the hotel's daytime energy.

Shawton Energy managed the project end-to-end, including design, structural validation, G99 grid compliance, and installation, delivering it with minimal disruption and providing full monitoring and maintenance throughout the PPA term.

THE RESULT

The project delivers an annual reduction of £24,000 in electricity bills and generates 202,315 kWh of clean energy each year, avoiding 42,863 kilograms of CO₂ emissions annually. It operates under a fully funded 25 year PPA model with no capital expenditure required, providing protection from future energy price volatility while enhancing ESG credentials for stronger commercial partnerships and a positive public sustainability perception.



Head Office
Shawton Energy LTD,
Sankey Valley Industrial Estate,
Newton-le-Willows
WA12 8DN

London Office
20 Manchester Square,
London,
W1U 3PX

01925 794 874

www.shawtonenergy.co.uk

hello@shawtonenergy.co.uk