



Rooftop Infrastructure with



Parker Steel proved that even the most energy-intensive industries can go green. By installing one of the UK's largest rooftop solar systems, the company is cutting emissions, reducing costs and showing that sustainable steel manufacturing is possible.

Supporting in the design, planning and delivery of a landmark 1MW scheme for Parker Steel, took teamwork, dedication and collaboration in an often changing, unique industrial environment.

“Thank you for all your input and support on our Solar Project and would like to wish you well for the future.”

Gary Axford
Purchasing Director



CrowdHouse Energy

Powering a Net Zero Future

CrowdHouse Energy partners with commercial, industrial and public sector organisations to unlock the full potential.

Our approach combines engineering expertise, innovative technology and commercial insight to create renewable energy assets that work harder for our clients.

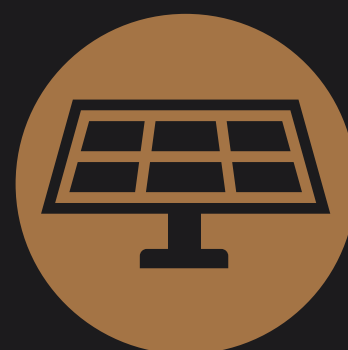
What makes us different



Strategic energy
infrastructure partner



Delivery from concept
through operation



Innovative proprietary
technologies



Focus on long-term
asset performance



Flexible commercial
funding options

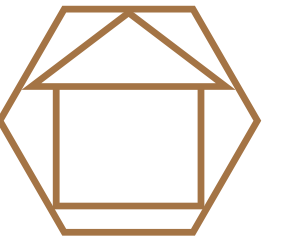


UK-wide delivery
capability

Unlocking the commercial potential of underutilised assets through clean energy

Innovative Energy Solution

Financially, the system is projected to deliver **annual energy savings of up to £155,878**, with a **payback period of just 2.2 years**. The project provides substantial long-term cost savings while reducing environmental impact, reinforcing Parker Steel's position as a responsible manufacturer and strengthening its credentials with clients increasingly focused on sustainable supply chains.



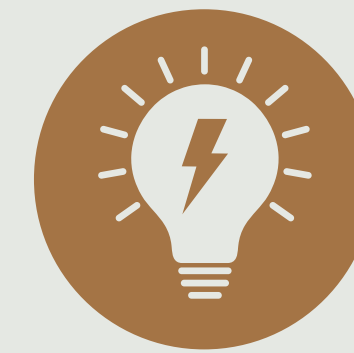
Overview

Parker Steel, one of the UK's largest independent steel stockholders, supports critical construction, manufacturing, infrastructure, and engineering sectors. Facing rising energy costs and increasing pressure to de-carbonise. Investing in renewable energy enables Parker Steel to reduce operational costs, control energy use, lower emissions, and strengthen long-term sustainability.



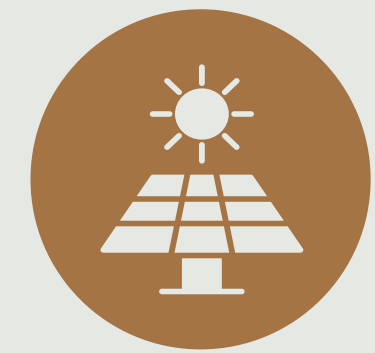
Challenge

Parker Steel's Canterbury facility faced significant energy demands from its large-scale steel processing and storage operations, alongside rising costs and pressure to de-carbonise. The challenge was to maximise renewable generation across its extensive rooftops while maintaining structural integrity, safety, and operational efficiency.



Solution

CrowdHouse Energy™ delivered a large-scale rooftop solar installation designed to integrate renewable energy into Parker Steel's energy-intensive Canterbury operations. The system maximises on-site generation while maintaining operational efficiency, reducing reliance on grid electricity and providing a scalable pathway to de-carbonisation.



Result

The project supports long-term energy savings and strengthens Parker Steel's sustainability credentials. The installation also reduces local grid demand, supports Kent's renewable energy ambitions, creates opportunities for local suppliers and contractors, and demonstrates how renewable energy can be deployed successfully across energy-intensive industries.



Parker Steel

Major industrial rooftop installation

A megawatt scale project supporting one of the UK's largest steel stockholders.

Showcasing our capability to deliver complex industrial-scale renewable energy infrastructure with minimal operational disruption.

999.18
kWp

system capacity

677,773
kWhs

annual generation

£155,878
of savings

per year

2.2
years

payback

24.31%

site demand
met by solar

35

tonnes

annual carbon reduction

NEXT STEPS

Ask us about our
flexible funding options.

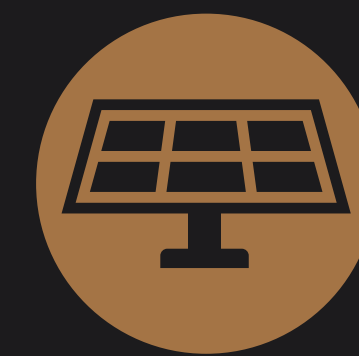
Discover how your organisation can
start generating clean energy with
little or no upfront investment.



Let's Build Your Energy Future

Partner with CrowdHouse Energy to create intelligent, future-ready energy infrastructure.

Whether you're considering rooftop solar, solar carports, EV charging points, battery storage or a complete renewable energy strategy, CrowdHouse Energy can help unlock the value already sitting within your existing assets.



Energy Opportunity
Assessment

Technical
Feasibility

Commercial
Modelling

Full-Service
Delivery

Long-Term
Optimisation

Together we can build a **cleaner, more resilient future**

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