



Zestec Renewable Energy and Seed Renewables support RENOLIT manufacturing operations with funded on-site solar

Zestec Renewable Energy, in partnership with Seed Renewables, has delivered a fully funded solar photovoltaic (PV) project at RENOLIT UK Ltd.'s manufacturing facility in Cramlington, Northumberland.

Delivered under Zestec's Power Purchase Agreement (PPA) model and backed by a fund managed by Octopus Energy Generation, the project enables RENOLIT to generate clean, on-site electricity without upfront capital investment, supporting long-term sustainability and energy resilience at the site.

The installation, designed and delivered by Seed Renewables, comprises a 1.76 MWp solar PV system, combining a 900 kWp rooftop array with an 866 kWp solar carport system installed above staff and visitor parking areas. The system is expected to generate approximately 1.47 GWh of electricity annually, delivering an estimated 331 tonnes of CO₂ reduction in the first year. EV charging infrastructure has also been integrated to support wider site electrification.



Capacity;

1.76 Mwp

Rooftop array:

900 kWp

Carport array
(staff car park):

866 kWp



Estimated annual generation:

1.47 MkWh



Annual electricity cost saving:

£60,000



Year one CO₂ reduction:

331 tonnes

Testimonials

Simon Wilson, Managing Director, RENOLIT UK, said:
"This project allows us to generate a significant proportion of our electricity on-site while supporting RENOLIT's wider sustainability objectives. The funded model enabled us to move forward without diverting capital from core manufacturing operations, while ensuring continuity and resilience at a live production facility."

Simon Booth, CEO of Zestec Renewable Energy, commented:
"Manufacturing sites face increasing pressure to decarbonise while protecting operational continuity and capital. This project demonstrates how funded solar can align energy performance with asset priorities, enabling organisations like RENOLIT to take meaningful action without upfront cost or added complexity."

Lee Heath, CEO of Seed Renewables, added:
"Delivering a project of this scale on a live manufacturing site requires detailed planning, close collaboration and a strong focus on safety. Working alongside Zestec and RENOLIT, we designed and delivered an integrated solution that fits seamlessly with day-to-day operations."

About RENOLIT

RENOLIT is a global manufacturer of high-quality plastic films and products serving sectors including automotive, medical, building and industrial markets. The project highlights how energy-intensive manufacturing facilities can adopt funded on-site renewable energy solutions to reduce operational emissions while maintaining focus on core production activities.

About Zestec Renewable Energy

Zestec Renewable Energy develops and funds renewable energy solutions for commercial and industrial organisations across the UK. Backed by funds managed by Octopus Energy Generation, Zestec delivers long-term Power Purchase Agreements that enable businesses to reduce carbon emissions and access clean energy without upfront capital expenditure.

About Seed Renewables

Seed Renewables is a specialist renewable energy EPC (Engineering, Procurement and Construction) contractor delivering bespoke solar PV and energy infrastructure solutions for commercial and industrial clients. Providing end-to-end design, engineering, installation and commissioning services, Seed delivers rooftop and ground-mounted solar PV systems, solar carports, CHP systems, battery energy storage, EV charging infrastructure, mechanical and electrical services, and ongoing operations and maintenance (O&M), supporting organisations in the transition to a more sustainable energy system.

