



# SOLAR CAPABILITY

## KEY DATA:

- Over 200MWp
- Over 50 ground-mounted projects ranging from 1MW – 30+MW sites
- >300 acres of ground-mounted solar installations
- >100 rooftop solar sites
- Private and community investment projects
- Bankable projects
- Shared grid connections with wind and second solar generators
- Experienced with major European EPC and O&M Contractors including Greencells, Grupotec, Solar Century
- Major BNEF ranked module manufacturers including Jinko Solar, Canadian Solar and Renesola
- PVSyst
- Solar GIS
- IET and IEC Standards



Green Cat Renewables

## VARIOUS SCHEMES, UP TO 30+MWp

Green Cat Renewables have a wide portfolio of experience in the engineering, planning, design development, delivery and finance of ground-mounted solar farms and rooftop installations, primarily across the UK.

Our capabilities include planning applications and conditions discharge/management; energy yield analysis including whole of life forecasting; EPC and O&M contract procurement and technical negotiations; grid connection and scope interface management; construction management and supervision; PAC (Provisional Acceptance Certification) review; operational performance monitoring and fault diagnosis.

Green Cat Renewables has a demonstrated track record in securing Planning Consent, Engineering Design, and Technical Analysis of small and large scale solar PV sites. Our experience profile includes small and large scale roof-mounted solar as well as ground-mounted grid-tied systems. Working alongside developers, investors and finance providers alike, Green Cat' have a thorough understanding of the key technical barriers to the successful delivery and operation of a solar PV site.

Informed by over a decade of energy resource assessment and analysis experience, Green Cat Renewables has developed in-house robust and bankable methods for the analysis of long term solar park pre-construction and operational performance forecasts. Our methodology also integrates industry-standard tools including PVSyst and SolarGIS, and our experience gives us the flexibility to respond to site specific design requirements.

Grid analysis capabilities enable the assessment of network curtailment on generation, and shared grid-connections with second generators such as wind farms and other solar generating stations.

An in-depth technical knowledge of and experience in the negotiation of technical EPC and O&M contract provisions including acceptance and technical performance guarantees is crucial in a young industry with limited standard industry forms of contract.

Green Cat's experience of planning and designing sites ensures that we are well placed to maximise secondary benefits for community interest groups, farmers and developers alike.