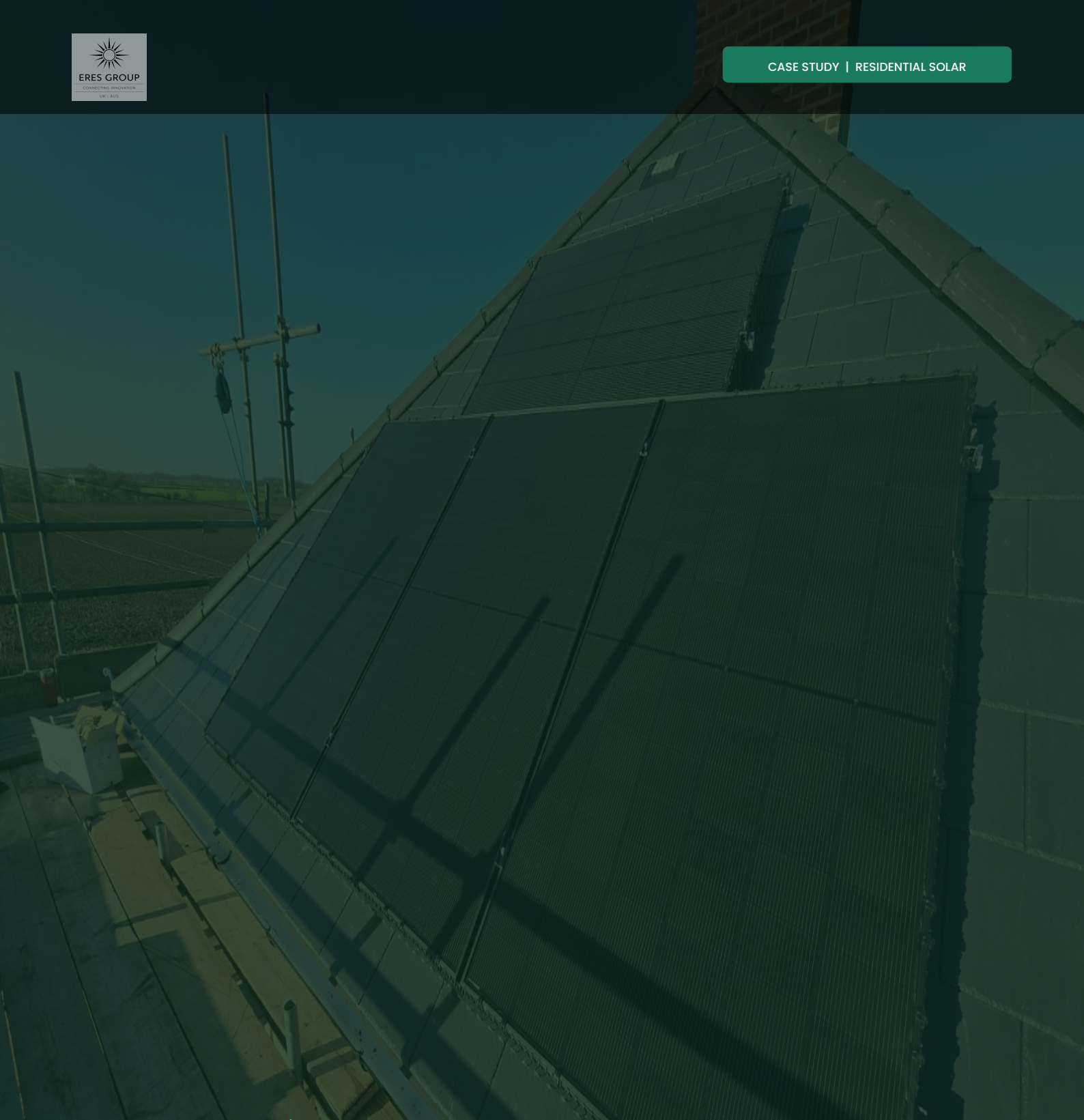
ERES GROUP
CONNECTING INNOVATION
UK | AUS

CASE STUDY | RESIDENTIAL SOLAR



EASTLIGHT COMMUNITY HOMES | SOUTH EAST ENGLAND

100+ Residential Solar PV Program

Eastlight Community Homes

Large-Scale Residential Solar PV Delivery Across Multiple Properties

CLIENT	SECTOR	REGION
Eastlight Community Homes	**Residential / Housing Association**	**South East England, United Kingdom**

PROJECT OVERVIEW

Large-Scale Residential Solar PV Delivery

ERES Group was appointed by Eastlight Community Homes to design and deliver a large-scale residential Solar PV program across more than 100 properties throughout the South East of England. Operating as the principal contractor, ERES Group managed every aspect of the program from initial site surveys and system design through to installation, electrical commissioning and final handover.

Unlike a single site commercial project, this program required coordinated delivery across a dispersed portfolio of occupied residential properties. Each home presented its own roof type, orientation, access requirement and structural consideration, demanding a flexible yet structured approach to planning and execution.

Working directly with a housing association of this scale demonstrates ERES Group's capability to manage complex, multi property renewable energy programs with the logistical discipline, safety standards and resident care that social housing clients require. A second phase of works is now confirmed and underway, reflecting Eastlight Community Homes' confidence in ERES Group as a long term delivery partner.

Scope of Works

- Full site survey and property assessment across 100+ homes
- Individual system design tailored to each roof type and orientation
- Scaffolding coordination and rooftop access management per property
- Solar PV panel supply, installation and mounting system assembly
- Inverter installation and full electrical integration
- AC isolator, generation meter and monitoring equipment installation
- System commissioning and DNO notification management
- Resident liaison, site safety and compliance management throughout
- Full project reporting and handover documentation to Eastlight

CLIENT	**Eastlight Community Homes**
SECTOR	**Residential / Housing Association**
REGION	**South East England**
PROPERTIES	**100+ residential homes**
SCOPE	**Full turnkey Solar PV delivery**
STATUS	**Phase 1 complete. Phase 2 underway**

THE CHALLENGE AND OUR SOLUTION

Dispersed Sites, Differing Access, One Standard of Quality

Delivering over 100 individual solar installations across occupied residential properties presents a fundamentally different set of challenges to a single site commercial project. Every property is different and every day brings a new set of logistical, safety and access variables to manage.

Challenge

- Coordinating daily installations across geographically dispersed properties throughout the South East
- Adapting to varied roof types including slate, concrete tile and interlocking tile across the portfolio
- Managing scaffolding logistics, access arrangements and resident communication property by property
- Maintaining consistent safety standards and compliance across every individual installation site
- Integrating with each property's existing electrical infrastructure without disruption to residents
- Managing DNO applications, metering and commissioning documentation at scale across 100+ homes

Our Solution

- Structured daily scheduling and route planning to maximise crew efficiency across dispersed sites
- Site specific system design for each property, adapting mount types and panel configurations accordingly
- Dedicated resident liaison process with pre visit communication and on site welfare management
- Standardised safety method statements and risk assessments applied consistently across all properties
- Trained electrical teams completing integration and commissioning to a consistent technical standard
- Centralised project management tracking all permits, notifications and sign off documentation per property

DELIVERY APPROACH

Every Property Treated as Its Own Project





Each property within the Eastlight Community Homes portfolio was treated as an individual project in its own right. Prior to commencement, ERES Group conducted a full survey of every home, assessing roof condition, pitch, orientation, shading and existing electrical infrastructure to produce a tailored installation design.

Rooftop access across the portfolio ranged from straightforward single storey terraces to more complex multi level properties requiring bespoke scaffolding arrangements. Our teams adapted working methods and safety controls to suit each site, ensuring no compromise to installation quality or resident safety regardless of access difficulty.

All electrical works including inverter installation, AC isolation, generation metering and monitoring equipment were completed to a consistent standard across every property. Each system was individually commissioned and tested before handover, with full documentation provided to Eastlight Community Homes for their asset records.

PROPERTIES	ROOF TYPES	PHASE 2	STANDARD
100+ Homes	**Slate, Tile and Concrete**	**Now Underway**	**Consistent Across All Sites**

Installation Gallery











SAFETY, COMPLIANCE AND ELECTRICAL WORKS

Consistent Standards Across Every Site





Safety management was central to the delivery of this program. Working across occupied residential properties in active communities required a rigorous and disciplined approach to rooftop operations, public protection and resident welfare at every stage of the works.

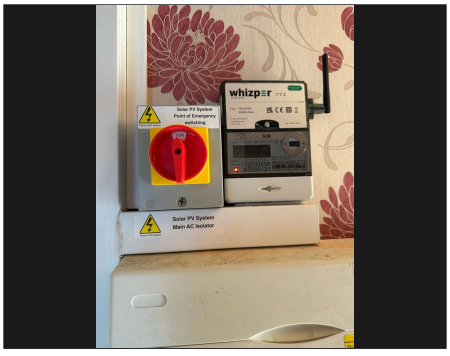
All installations were carried out under site specific method statements and risk assessments, with scaffolding inspected and certified prior to each working day. Residents were kept informed throughout the process, with pre visit letters, on site introductions and post installation walkthroughs completed at every property.

On the electrical side, each system received a full AC isolator, DNO compliant generation meter and remote monitoring equipment, ensuring residents and Eastlight Community Homes can track energy production and system performance over the long term. All systems were tested, certified and signed off prior to handover.

SAFETY	RESIDENTS	ELECTRICAL	MONITORING
Site Specific RAMS	**Fully Informed Throughout**	**DNO Compliant**	**Remote Tracking Installed**

Electrical and Completion Gallery

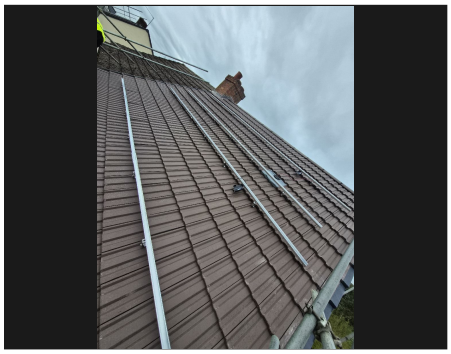








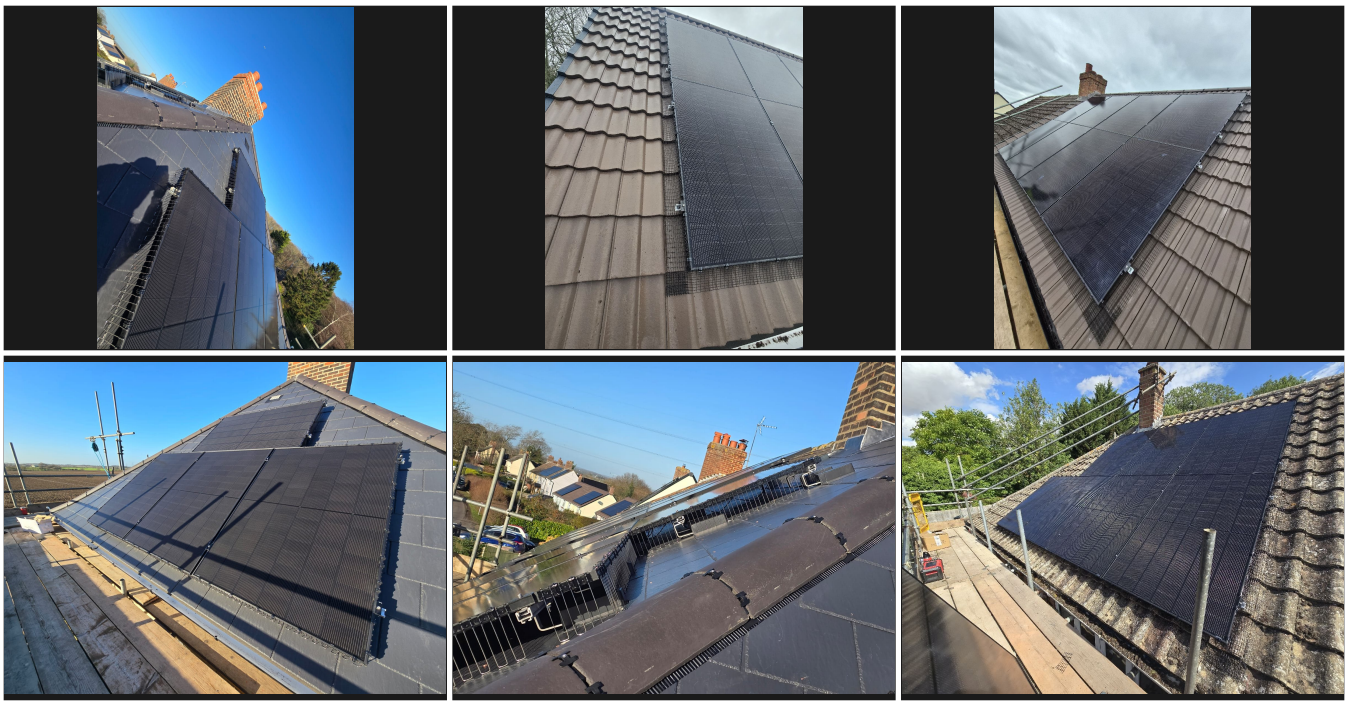




INSTALLATION PHOTOGRAPHY

Across the Portfolio

The following images capture the variety of installation conditions encountered across the Eastlight Community Homes portfolio, from slate roofed rural properties to concrete tiled terraces in suburban settings. Each installation was adapted to suit the property while maintaining the same high standard of workmanship throughout.



PROJECT OUTCOMES

Phase 1 Complete. Phase 2 Underway.

Phase 1 of the Eastlight Community Homes Solar PV program has been successfully completed, with more than 100 residential properties across the South East now equipped with fully operational solar systems. The program was delivered on schedule, to a consistent standard and with full resident and client satisfaction.

100+ Homes Completed

Over 100 individual solar PV systems designed, installed and commissioned across occupied residential properties in the South East.

Multi Site Program Management

Full turnkey delivery managed by ERES Group as principal contractor, coordinating crews, logistics and compliance across every property.

Varied Access and Roof Types

Installations successfully completed across slate, concrete tile and interlocking tile roofs with site specific scaffolding and access solutions for each property.

Full Electrical Compliance

Every system delivered with AC isolation, DNO compliant generation metering, remote monitoring and full certification documentation.

Resident Centred Delivery

Pre visit communication, on site resident liaison and post installation sign off completed at every property, maintaining trust and satisfaction throughout.

Phase 2 Now Underway

The success of Phase 1 has resulted in ERES Group being appointed for a second phase of works, confirming Eastlight Community Homes' confidence in our delivery capability.

ERES GROUP

Looking to Deliver a Residential or Social Housing Solar Program?

ERES Group delivers structured Solar PV programs for housing associations, councils and residential portfolios across Australia and the United Kingdom.

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