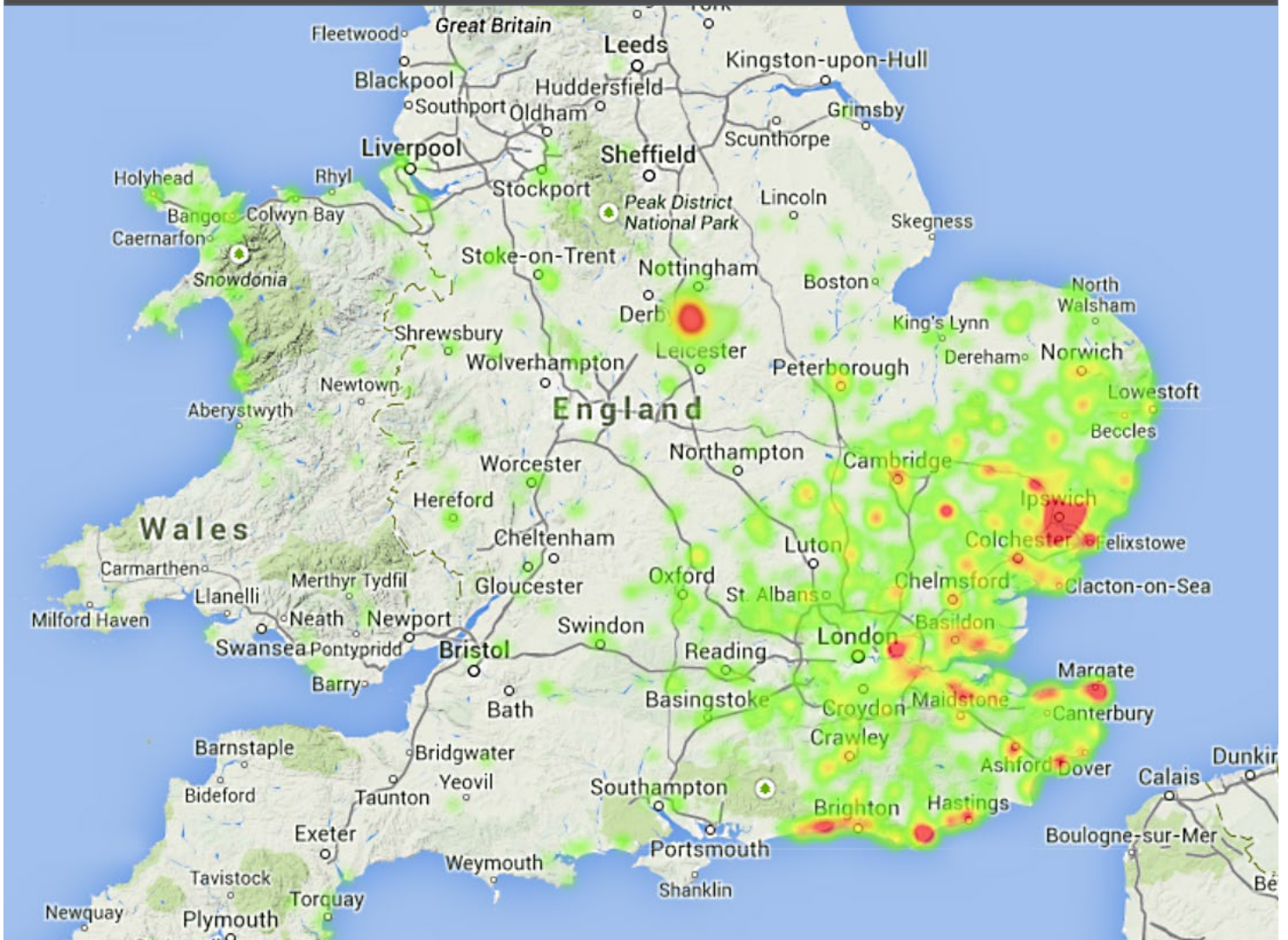


COMMERCIAL

SOLAR PV CASE STUDIES



01473 276688

www.cjsolar.co.uk • design@cjsolar.co.uk

Edison House
Edison Close
Ransomes Europark
Ipswich, Suffolk IP3 9GU



Company Introduction



CJ Solar is a fully accredited renewable energy company specialising in Solar PV, energy storage systems and vehicle (EV) charging points. We are part of CJ Electrical Contracting Services Ltd, a long-established electrical contracting business based in Suffolk, and install Solar PV all over East Anglia, the Midlands and South East England.

CJ Electrical has origins stretching back to 1988 when our founder, Chris Powell, started a small electrical contracting company in Ipswich. Since then, the group has grown and is now part of Edison House Group, a multi-layered organisation with over 100 employees and an annual turnover in excess of £28 million (and Chris is still active as CEO of Edison House Group).

The group has always championed clean, renewable energy, so CJ Solar was set up as a specialist division to ensure the group could provide the best advice and service within the growing solar PV market.

With over 4,000 installations to date, CJ Solar has built a reputation as a leading solar PV, EV charger & battery storage installer. We combine excellence in workmanship, project management and customer service to ensure every installation runs smoothly throughout the project lifecycle. For added peace of mind, we are fully accredited and offer generous warranties:

- HIES accredited installer
- 2-year parts & labour guarantee; 5-year inverter warranty*; 10-year panel warranty*
- NICEIC insurance backed warranty and an independent warranty guarantee
- We can advise if there are any grants or government-approved tax incentives available

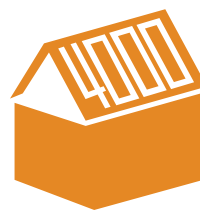
Although we use online technology to give our customers a more cost-efficient service, you can still talk to a person – please call us on 01473 276688 with any questions.



Fully accredited & consumer protection



25+ years experience in solar & renewables



Over 4,000 UK installations, both commercial & domestic



Quick & easy online quotes by experienced solar installers

*Warranty periods may vary, please refer to manufacturer for exact details

CJ Solar Head Office, Ipswich

Naturally, we have installed a PV system on our roof at our Head Office in Ipswich, experimenting with both string and Micro Inverters. We are finding that panels fitted with Micro Inverters are returning a yield of more than 9% over string inverters. Proof that Enphase Micro Inverters perform markedly better in low light conditions than string inverters.



Clare College, Cambridge

Clare Collage, Cambridge. A 6.6 kW Solar PV System mounted onto a rolled lead profile roof.

Panels

Phono Solar 250W Polys × 26

Inverter

SMA 6000-TL



Colchester Institute, Essex

Another installation for Bauder using their mounting systems; this time, a 39kW system at the Colchester Institute.

Panels

Solon Blue 295W × 135

Inverter

Solar Edge SE12.5k × 3



Imperial College, London

Utilising a 15kW Bauder Solar PV System to help reduce their electricity bills.



University of East Anglia, Building 57

The University of East Anglia, (Building 57) makes a dent in their electricity usage with a 20kW Bauder Solar PV System.



University of East Anglia, Building 133

Another Bauder Solar PV system installed here for 21kW.



Reydon Primary School

10kW Solar PV System (on roof)



Red Lodge County Primary School

10kW Solar PV System Flat Roof System



Felixstowe Port Authority, Suffolk

30kW Solar PV System. On roof mounted.

Panels

Conergy EcoPro 250W polycrystalline
x 120

Inverter

Enphase M215



Felixstowe Port Authority

45kW Solar PV System (on roof)



Felixstowe Port Authority

152kW Solar PV System



Green Lane West, Rackheath, Norwich

61kWp over 12 New Build Plots. A combination of on roof and in roof systems.

Client: Dove Jeffery Homes Ltd

Schuco Panels

MPE 190 MS monocrystalline × 121

MPE 210 MS monocrystalline × 186

SMA Inverters

6 × 5000 TL SunnyBoy

4 × 4000 TL SunnyBoy

2 × 3000 TL SunnyBoy

2 × 2500 TL SunnyBoy



Clay Farm, Cambridge

90kW over 80 New Build Plots. Flat roof system supported on latchway support posts, in roof mounting system.

Panels

Phono Solar 250W polycrystalline
Schuco MPE 190W monocrystalline

SMA Inverters

Various sizes



Kings Cross, London

30kW Bauder Solar PV System. Flat roof mounting system.

Panels

Solon Black 305W x 96

Inverter

Danfoss TLX 15k



Queensway Clinic, Suffolk

11kW Bauder Solar PV System. Flat roof mounting system

Panels

Solon Blue 295W x 38

Inverter

SolarEdge SG 12.5k

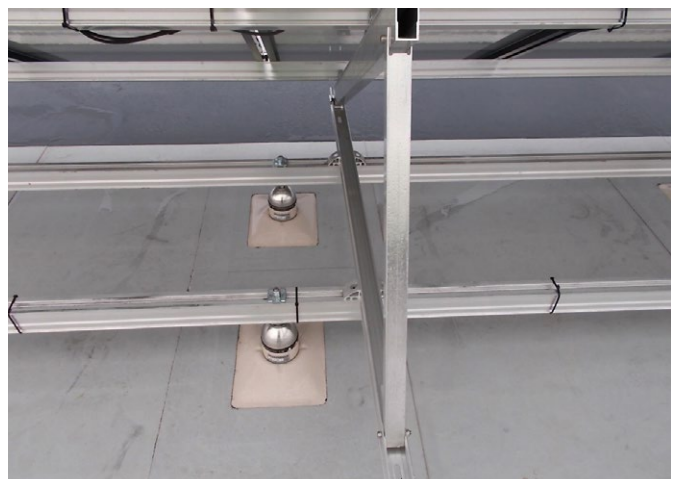


Hethel Engineering Centre, Norfolk

2 Solar PV Systems on 1 project

1 No Sanyo HIT 23kW Solar PV System mounted onto Latchway Support Posts

1 No 47kW Bauder Solar PV System



11 Fire Stations in Suffolk

- Ipswich, 30kW solar PV system (on roof)
- Needham Market, 10kW solar PV system (on roof)
- Felixstowe, 10kW solar PV system (flat roof)
- Stoke by Nayland, 4kW solar PV system (on roof)
- Bury St Edmunds, 30kW solar PV system (on roof)
- Sudbury, 10kW solar PV system (flat roof)
- Lowestoft, 7.5kW solar PV system (on roof)
- Hadleigh, 8.75kW solar PV system (on roof)
- Lowestoft, 30kW solar PV system (on roof)
- Newmarket, 10kW solar PV system (on roof)
- Haverhill, 10kW solar PV system (flat roof)



11 Fire Stations in Suffolk (continued)



RSPB, The Discovery Centre, Minsmere

1.5kW Solar PV mounted onto Latchway Solar Support Posts due to the roof being a single ply membrane



Listed Property, Hadleigh

20kW Ground Mount System



Hempnall Village Hall, Norfolk

9.675kW Solar PV System (on roof)



Veterinary Clinic, Bury St Edmunds

20kW Solar PV System (on roof)



Walnut Tree Farm, Ashbocking

50kW Solar PV System Mounted onto Fibrous Cement Roof



Grove Farm, Botesdale

20kW Solar PV system (on roof)



The Cedars, Mendlesham

40kW Solar PV System (on roof)



Safepac Co Ltd, 3 Sites in Mildenhall

- 1 No 30kW Solar PV System (on roof)
- 1 No 50kW Solar PV System (on roof)
- 1 No 110kW Solar PV System (on roof)



JH Lamberts – C&K Meats

150kW Solar PV System (on roof)



Suffolk Coastal Services

98kW Solar PV System (on roof)



The CJ Solar Difference



1-2-3-4

Simplifying solar in
four easy steps



Quality
installations using
trusted brands



Making solar more
affordable



Helping to reduce
your energy costs



Reducing your
carbon footprint

CJ Solar Accreditations

HIES (Home Insulation & Energy Systems Contractors Scheme)

NIC-EIC (National Inspection Council for Electrical Installation Contracting) [NIC020739]

NIC-EIC Domestic Installer (Part P Competent Person Scheme) [NIC020739000]

NIC-EIC CPS (Competent Person Scheme) [NIC10488]

- H1: Install and commission a flue liner/chimney system
- H3: Install/alter and commission wet central heating systems and associated controls
- H4: Install and commission an unvented hot water storage system
- M1: Install and commission a heat pump
- M2: Install and commission a photovoltaic system
- M3: Install and commission a solar thermal system
- M6: Install and commission a biomass boiler
- S2: Install and commission a wet heating boiler / room heater / stove / cooker

CHAS (Contractors Health and Safety Assessment Scheme)

Constructionline (UK Register of Pre-Qualified Construction Services)

Trust Mark (Government Endorsed Standards)

Suffolk County Council Trusted Trader (Suffolk and Norfolk Trading Standards)

MCS (Microgeneration Certification Scheme)

Schletter approved distributor and installer (Solar PV Modules & Mountings)

SolarWorld Module approved distributor

Enphase approved distributor and installer

We are ABB (Power-One) Inverters sole UK approved service provider and installer



FOUR STEPS TO FREE ELECTRICITY



1 CONTACT

Our solar design team will discuss your project and organise a comprehensive solar system proposal.



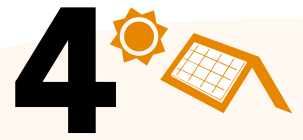
2 DESIGN

We use an online tool to produce an accurate 3D visual design of the solar PV on your property.



3 SURVEY

Once you are happy with the proposal, our technical surveyor visits your property to finalise the layout.



4 INSTALLATION

We arrange everything needed for installation. Once the system is thoroughly tested, you can start generating free electricity.

Contact us to start your **FREE** online visual 3D design



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