



Your Net Zero Checklist.

**Climate Action for
UK Businesses.**

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The United Kingdom is legally committed to achieving **net zero greenhouse gas emissions by 2050** under the **Climate Change Act 2008** (as amended in 2019). Progress toward this target is managed through legally binding carbon budgets, which set caps on total national emissions over successive five-year periods, as advised by the Climate Change Committee.



For many organisations, on-site solar PV is a widely adopted decarbonisation measure that can help reduce electricity-related emissions, improve energy resilience, and support progress toward net zero goals.

What Is Net Zero?

Net Zero means **balancing the emissions a business produces with the emissions it removes or offsets**. Achieving this requires deep reductions across operations and strategic investment in clean energy.

Achieving this typically requires:

- **Significant reductions across business operations**
- **Improved energy efficiency**
- **Electrification of heat and transport where feasible**
- **Increased use of renewable energy sources**



Your Net Zero Checklist.

A practical, solar centred guide for UK SMEs, corporates, and public bodies.



Calculate Your Carbon Footprint.

Establish a baseline across:

Scope 1: Direct emissions from on-site fuel use (e.g. gas, oil, diesel) and company-owned vehicles

Scope 2: Indirect emissions from purchased electricity

Scope 3: Indirect emissions across the value chain, including supply chain, logistics, waste, and business travel

The biggest and fastest to reduce category for most UK organisations is **Scope 2 electricity**, making solar PV the most impactful first step.

Tools & Resources.

UK Government GHG Conversion Factors
(used for standardised carbon calculations)

Streamlined Energy and Carbon Reporting
(SECR) guidance for eligible UK companies

ESG and carbon accounting platforms aligned with recognised frameworks, including:

GHG Protocol

TCFD (Task Force on Climate-related Financial Disclosures)

ISSB standards (IFRS S1 and S2), which are emerging as a global baseline for sustainability reporting

Identify High Emission Areas.

Most organisations find their emissions concentrated in:

Electricity use (lighting, HVAC, process loads)

Transport (electrification opportunities)

Heat (often enabled by solar + heat pumps)

Supply chain procurement

Solar PV often addresses **40–70%** of a typical commercial building's annual electricity demand, depending on load profile and roof availability.



Develop a Solar Led Reduction Plan.

A modern UK decarbonisation strategy typically includes:

Installing **solar PV** sized to maximise roof potential or load offset

Adding **battery storage** for peak demand & resilience

Transitioning fleet to EV (powered by solar)

Implementing energy management systems (ISO 50001)

Reducing waste and working with sustainable suppliers

Solar PV is usually the lowest cost decarbonisation action available, with paybacks accelerated through UK financial supports.

Implement Solar PV & Understand UK Financial Support.

Solar delivers immediate, measurable impact:

Cuts electricity bills by 20–60%

Reduces Scope 2 emissions dramatically

Shields your business from market price volatility

Enhances energy security and resilience

Advances Net Zero goals

UK Solar Grants - Upper Limits.

Below is a clear summary of the maximum financial supports available in the UK today.



1. Capital Allowances.

Up to 100% tax relief in year 1 (where eligible)

Applies to commercial solar as plant & machinery

Reduces taxable profits

2. Smart Export Guarantee (SEG).

Ongoing payments for surplus electricity exported back to the grid.

Rates vary by supplier and contract (typically by a few cents)

Provides a long-term revenue stream

3. VAT Treatment

- Some solar and energy-saving installations may benefit from reduced VAT rates depending on current government policy and system type
- Applies automatically at point of installation where eligible

4. Targeted Funding.

While there is no universal commercial solar grant scheme in the UK, funding may be available through:

- Public sector decarbonisation programmes (e.g. schools, hospitals)
- Industrial energy efficiency funding schemes for energy-intensive businesses
- Local authority or regional sustainability funds

Monitor, Report & Improve.

Ongoing measurement ensures return on investment.

Supports include:

SECR reporting (for eligible companies)

ESG and carbon accounting platforms aligned with GHG Protocol and TCFD



Engage & Educate Your Team.

Help your team understand:

- How solar improves sustainability
- How to optimise self consumption
- How operational changes (timing of loads, EV charging) increase savings

Celebrate Progress.

Promote achievements

- | Carbon reductions from solar
- | Energy savings milestones
- | Renewable energy share (self generated %)

Solar provides tangible, measurable outputs ideal for ESG and marketing communications.

Your business needs to find ways of

- ✔ Reducing energy consumption
- ✔ Improving energy efficiency
- ✔ Taking steps to offset emissions

As experts in the design, installation and maintenance of extensive solar-powered systems, we use the sun's energy to power your present and preserve your future.

To see how we can empower your business to reduce your carbon footprint, increase your efficiencies and achieve net-zero targets, just get in touch with one of our experts.



Trusted by the largest companies.



Client Funding Options.

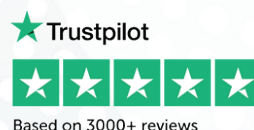
Power Purchase Agreement (PPA).

- Zero upfront costs
- Lock in reduced energy rates from 10-25 years
- Activ8 manage all maintenance of system
- Full ownership of asset on agreement end

CapEx Outright purchase.

- Direct capital investment
- Immediate control over system
- Long-term energy savings
- Maximise return on investment

Leading by Example.



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