



bloom  
renewables

# Solar For Farms

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Presented By

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**Saving you money.**

**Providing you with clean, reliable energy.**

We offer cost-effective and bespoke solar and battery solutions to help you future-proof your farm's energy supply. You'll be able to generate free electricity, reduce energy bills, reduce your carbon usage and get tax relief on the capital cost.

**To find out how much money your farm could save by switching to solar PV, send us:**

- number of kWh of electricity the farm uses per year (this will be on your electricity bill)
- your half hourly data (your energy provider can give you this information)
- your postcode

If you give us permission to approach your energy provider, we can gather this information for you.



# How can solar PV benefit my farm?

## Future-proof your business

Generate and store your own energy, reducing reliance on the National Grid and protecting your farm from potential brownouts and energy rationing.

## A significant ROI

A typical commercial solar panel system will provide free electricity for more than 25 years, achieve returns of more than 12% per annum and pay back installation costs within 6-8 years.

## Tax Exemptions

Solar panels are classed as plant and machinery and are eligible for capital allowances. Until March '23, solar panels installed on business premises for use in a business are eligible for 50% special rate capital allowance.

## Diversify Land Use

It's possible to design solar PV with dual purpose land use in mind, allowing cattle or sheep to graze in between.

## What is the investment return?

### Typical 50kWp installation

124 panels

£50,000 average cost installed

£16,546 savings in year 1

£363,650 value @ 25 years (incl. paying initial cost)

Based on south facing agri building installation, with a 20 degree roof pitch. Based on 45p per unit electricity cost and onsite usage of 70%. Excludes VAT and scaffolding.

# Finance Options for Farms - No Upfront Costs

Many farms are choosing finance options with no need for initial capital outlay. The energy you generate and use on-site will produce significant savings and a fixed monthly lease payment will be less than the cost of that electricity if purchased from your supplier.

## **Purchase Power Agreements (PPAs):**

Many farms finance solar panels using a purchase power agreement (PPA). If your energy usage and roof space meet specific criteria, you could be eligible for a free solar PV installation, financed by a PPA provider. All the benefits of solar PV with no upfront cost. You rent your roof and buy the discounted solar electricity rather than investing in a solar PV system of your own.

## **Rental Option:**

You get the equipment through a payment plan, with no initial capital outlay, but the finance company owns the asset. You have a buy-back option at the end of an agreed term or you can return the system to the finance company. Again, the amount you save on your energy bill will typically exceed your monthly instalments straight away.

## **How we find the best finance option for you:**

Once we understand your farms's specific energy requirements and current usage, we use a piece of bespoke software to calculate the best solar and battery system to meet your requirements. This information allows us to approach our finance partners to find the best finance option for your farm. We'll make recommendations and give you all the figures and stats so that you can make an informed decision.

# Why use Bloom Renewables?



## **We understand the unique challenges facing farms:**

We understand that farms can have a diversity of buildings, with different roof structures and onsite electric requirements. Something our team of engineers has the experience and know how to manage. All of our systems are fully tested and guaranteed against ammonia and salt mist attack and we are careful to ensure that our roof mounted systems do not compromise natural ventilation pathways in cattle shed roofs. We will guide you through the entire installation process, from DNO applications and planning permissions right through to the hand over of the system.



## **We are experienced and committed to quality – a safe pair of hands:**

With over 20 years experience in designing and fitting solar panel systems, we know the pitfalls and how to avoid them. We're MCS, RECC and Trustmark accredited installers. We offer up to a 10-year warranty on all equipment.



## **An accurate projection of your energy needs, costs and savings:**

We use specialist software that provides pre and post-project modelling and optimisation analysis for solar PV and energy storage systems. It will run hundreds of scenarios in minutes, comparing technologies and energy strategies so that we can create a bespoke system with optimal returns.



## **We give you access to one of the most competitive financing options for farms:**

We can make installing solar panels on your farm cost neutral through financing options. We work with two market-leading finance firms to model the most cost-effective repayment options for your business.



## How we work with you:

1. Contact us and speak to one of our specialists, who will discuss your requirements and answer any questions you have.
2. If solar is viable for you, we'll arrange a site survey and provide a comprehensive report on the most effective energy solution and a quote.
3. If you decide to proceed, we provide a full turnkey service and our team will handle all of your installation paperwork, including Building Control and District Network Operator (DNO) requirements.
4. We'll arrange a date for our engineers to install your new system and provide you with a full handover, so you'll know how your new panels work.



If you are a farm or rural business interested in finding out more, please email or call our Director, Mark Bloomfield, 0781 086 7142  
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