



 **What we do**

We are at the heart of the UK's renewables revolution helping to realise our collective goal of net zero emissions through the deployment of solar energy.

We believe this is best achieved through positive stakeholder relationships and listening to the voices of the community.

 **Our vision**

Our vision is to power the UK with reliable, affordable, clean solar energy, and to add value through innovation and investment.

We're bringing the benefits of solar energy to communities and the planet – at the scale and pace that is needed to help the country meet its net zero ambitions.



FAQ's

▶ **Is solar popular?**

Definitely. According to Government surveys, solar is the most popular energy source. Data in 2021 showed that 90% of the public supported it. When asked about a solar farm being built in their local area, 81% of respondents in 2022 said they weren't opposed. Only 3% significantly opposed, while 8% felt that a solar farm wouldn't be feasible locally.

▶ **Is solar expensive?**

Not at all. Solar provides one of the cheapest forms of electricity in the UK. This year alone solar has been over 4 x cheaper than gas and 2 x cheaper than nuclear in the UK.

▶ **Will there be a benefit to the local community?**

Working in partnership with local communities to unlock a project's full potential is at the heart of what we do. We work with local people to shape the future of our projects and to ensure the benefits of solar energy developments are realised in a way that positively impacts local people.

We invest in significant green infrastructure on each of our sites. This could include, accessible footpaths, new native planting, improved highway safety, outdoor classrooms, picnic benches and community orchards. We also provide a community benefit fund to local parish and town council(s) of £105,000, which can be used to fund rooftop solar on community buildings and/or fund other

local sustainable initiatives. We will listen to suggestions during public consultation to provide the best possible outcome.

▶ **Why are most solar farms built on agricultural land?**

Being one of the cheapest forms of clean renewable energy, a fivefold increase in solar capacity is anticipated by 2050 in the Government's Energy Security Strategy 2022. This cannot be achieved through rooftop and brownfield solar installations alone, as they have considerable practical barriers of their own.

Many domestic and industrial buildings either do not have roofs made of suitable material to support a solar system, do not have the infrastructure to export electricity to the grid, or simply present as an unaffordable solution, with initial costs of installation too high for some. As a result, agricultural land typically of moderate or low quality is also used, without impacting on food security.



To help answer any questions you may have about our proposals, please see our frequently asked questions section on the project website:

www.quarrysolarfarm.co.uk/faqs/



Unlocking enough renewable energy to meet the equivalent needs of 15,000 Oxfordshire homes

Our proposals



The displacement of over 919,000 tonnes of CO2 from equivalent fossil fuel energy, which equates to taking c.255,000 cars off the road.



>50% biodiversity net gain providing ecological benefits through new habitats, such as wildflower meadows, grassland areas, skylark plots, ponds, bird nesting boxes and beehives.



17% net gain for hedgerow / trees including new hedgerows, along with a skylark habitat and wildflower meadow which will provide ecological benefits alongside landscape mitigation.



New green infrastructure such as enhanced rights of way, outdoor picnic areas, outdoor classroom, and information boards.



Genuine benefits for local residents, including a £105,000 community benefit fund.



£5.3m generated in business rates over the lifetime of the project.



The ability for over 95% of the site to be used for sheep grazing and remain in farming use, allowing topsoil to recover, by increasing soil organic matter and improving the soil structure.



Battery Energy Storage System (BESS) on site, ensuring the solar farm can be as flexible as possible in delivering energy to the grid.



Public consultation event

When: 10th February 2023

From: 2pm - 7pm

**Where: Hailey Village Hall,
Hailey, OX18 1JH**



Call us on 020 3398 1590



Find out more on our consultation website: www.quarrysolarfarm.co.uk



**The JBM team want to hear from you
Email: info@quarrysolarfarm.co.uk**



