

Who are we?



Lightsource bp is a global leader in the development and management of solar energy projects. We work closely with local businesses and communities to supply clean, dependable and competitively priced energy, and we’re dedicated to securing a low-carbon future, in the UK and worldwide. We’re committed to taking action to combat climate change, by putting into place a sustainability strategy across all elements of our business and supply chain. Our 2025 commitments are to make solar energy the natural choice, to achieve net zero carbon emissions, and so create a positive social impact across our value chain.

Community engagement

We’re dedicated to working with rural communities to create projects with benefits that go beyond solar.

-  **120 jobs** on site during peak building phase.
-  **£0.8mil** estimated spend by construction workers on accommodation, food & drink, other retail etc., helping to support the 800 businesses which operate in Bassetlaw in these sectors.
-  **£6.5mil** business rate revenue for Bassetlaw District Council over 40-year lifespan of site.
-  **8** direct and indirect jobs supported by the project once operational.
-  **£60,000** community benefit fund paid to local parish councils.



Find out more







If you have queries in relation to this project, please contact the project team by calling **0333 200 0755**, or emailing info@lightsourcebp.com, quoting “Tiln Farm”. You can also message us on Facebook or write to us at Lightsource bp, 7th Floor, 33 Holborn, London, EC1N 2HU.

Pre-Construction Pack

Work beginning on solar farm at Tiln Lane, Retford, DN22 9JH



Statistics

-  **63,220MWh** (Megawatts hours) supplied per year
-  Equivalent to the energy needs of **14,230** households
-  **158** acres of land
-  **14,550** tonnes of carbon emissions saved
-  Equivalent to taking over **3,230** cars off the road
-  **£560,000** to be invested in biodiversity enhancements

This project will contribute towards the UK’s 2025 targets for renewable energy and carbon emission reductions.

Lightsource bp is about to begin construction on a solar farm at Tiln Lane, Retford, DN22 9JH. We are funding the development of the solar farm, which will be connected into the local electricity network, with an output power capacity of 49.9MWac/61MWp.

We’ve chosen this site after careful consideration, and we undertook a wide range of environmental assessments to help shape our plans. These included landscape and visual, heritage and archaeology, ecology and ornithology, flooding and more.

An important part of the planning process is engaging with local communities to provide more information on our proposals and gather feedback. We took our plans for this project to the local community in October 2020, and listened to their feedback when finalising our proposal.

Construction will begin in November 2022, and is anticipated to be completed by September 2023. Information has been sent to nearby neighbours on the construction route and traffic plans.



We’ve set up a dedicated webpage for this proposed project at www.lightsourcebp.com/uk/projects/tiln-farm/, with further project information and opportunities to get in touch with us.

Our finalised design

Solar farm at Tiln Lane, Retford, DN22 9JH



FAQS

Why is this project important?
Solar is a passive form of technology, generating electricity without creating any waste products or pollutants. This makes it an ideal energy source for the UK, as we work towards the 2025 targets for renewable energy and carbon emission reductions. This project is also an important part of Lightsource bp's company target of achieving net zero by 2025.

How will the equipment be protected?
The solar farm will be enclosed by a timber and wire agricultural fence about 2 metres in height, and CCTV cameras will monitor the boundary fence and area within the solar farm. These will be specifically positioned to make sure they do not impinge on the privacy of residents.

How are the panels kept clean?
Generally, rainfall helps to keep the panels free of dust and dirt. Several times a year, the panels will be thoroughly cleaned using specialist equipment, to make sure the installation is in the best possible condition.

Do solar farms pose a health risk?
No - solar is a passive technology which doesn't produce any harmful by-products. All electrical equipment we use meets the Electromagnetic Compatibility (EMC) Directive and are CE marked.

Will the solar farm cause traffic disruption?
Once the solar farm is in place it requires very little maintenance and approximately monthly visits in regular cars or 4x4s would cause no traffic disruption. Whilst the solar farm is being constructed, a traffic management plan will be put in place.

This map is a combination of Ordnance Survey map reference: SK 70497 84090 and aerial imagery dated [2019]

