

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.



COMMUNITY ENGAGEMENT

It's important to us that the local community are fully informed of the plans for the site, and have the opportunity to comment and learn about the proposal. We will be holding an online Q&A event to provide details about our project ideas at this stage, and to give you a chance to speak to our team.

Our online Q&A session will take place on Thursday 8th October, at 7.30pm. If you'd like to attend, and speak to the Lightsource bp team about our plans, please email sarah.tapp@lightsourcebp.com to register your interest.

We want to ensure that our engagement is inclusive and are aware that not everyone within the community will have access to the internet. Therefore, if you would like to receive a call back from the team to discuss the project or know of someone who would, we would be pleased to arrange this at a convenient time.



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.








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COMMUNITY INFORMATION PACK

PROPOSED SOLAR FARM AT TILN LANE, RETFORD, DN22 9JH



STATISTICS

-  **52,890MWh** (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

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

Lightsource bp is working on a proposal for a solar farm at Tiln Lane, Retford, DN22 9JH. We will fund the development of a solar farm to be connected into the local electricity network, with an output power capacity of 49.9MW (Megawatts).

We've chosen this site after careful consideration, and we're now undertaking a wide range of environmental assessments to help shape our plans. These include 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. Due to the current Covid-19 restrictions in the UK, we are seeking to ensure that our community engagement is undertaken safely. Safety is one of our core values, and in order to keep to the high standards of community engagement that we've set as a company we're replacing our community consultation event with an online Q&A session, on Thursday 8th October.

Get involved!

COMMUNITY INFORMATION EVENT

We've set up a dedicated webpage for this proposed project at www.lightsourcebp.com/uk/proposed-projects/Tiln-Farm, with further project information and opportunities to get in touch with us to discuss the proposal.

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OUR INITIAL THOUGHTS

Proposed solar farm at Tiln Lane, Retford, DN22 9JH

We're still in the early stages, and our plans will evolve based on local input and the results of our ecological, landscape and heritage assessments. These are our current thoughts. For further details, please visit www.lightsourcebp.com/uk/proposed-projects/Tiln-Farm or join our online Q&A session on Thursday 8th October, at 7.30pm.

Continued Agricultural Use
These fields are currently used for arable farming. Our proposal includes creating a meadow grassland which can be lightly grazed by sheep, so the land under the solar farm will maintain an agricultural purpose.



Agricultural Land Grading
We have conducted an Agricultural Land Classification Survey which has classified the majority of the fields as Grade 4 which is not Best and Most Versatile Land.



New Vegetation Planting
We will submit a detailed planting plan as part of the planning application, which will focus on screening the installation from view using vegetation, and increasing the biodiversity values on the site via varied planting.



Battery Storage
Our proposal includes battery storage, which allows electricity generated by the solar panels during the day to be stored and used at a later date.

Cable Route
The solar farm will connect to an existing overhead pylon running across the centre of the site. No new overhead lines will be required for this project.

Maintaining Public Access
While developing the layout we have taken into consideration the existing footpaths through the site, which will remain open.

Access
Proposed construction and operational access will be from Smeath Road. The access track to the north around the fishing lakes will only be used for maintenance post construction of the solar farm. A Construction Management Plan will be submitted with the planning application.

Boosting Biodiversity
A bespoke Biodiversity Management Plan will be developed in conjunction with the planning application, and this will ensure that the plan enhances the site as much as possible for local wildlife. As part of this initiative, our planting, seeding and habitat creation plans will focus on native species. We are keen to hear from and work with any local beekeepers and land management organisations to support wildlife and boost the local habitats.

“We, as a family, are hugely supportive of renewable energy; when we think about the colossal damage that our and previous generations have done to the planet it would be really good to know that this large solar project is going to make the world a very slightly more sustainable place. It too will bring a welcome measure of certainty to our farming operations which on our poor Grade 3 land do not look very comfortable in the uncertain post CAP landscape.” – Tiln Farm Landowner

Existing solar farm

Tiln Farm

Hayton Lakes Fishery

River Idle

Tiln Lane

Smeath Road

Bolham

Footpath

Bridleway

Civil Parish (CP)

Byway open to all traffic

Overhead lines

Site boundary

lightsourcebp



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.
- 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]

