

# WHO ARE WE?



Lightsource BP is a global market leader in the funding, development and long-term management of large-scale solar projects and smart energy solutions. We work closely with local businesses and communities to supply clean, dependable and competitively priced energy. We're dedicated to securing a low-carbon future, and to meeting the dual challenge of an increased demand for energy alongside a need to reduce emissions.

# 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 on and shape the proposal. We will be holding an information event to provide details about our project ideas at this stage, and we welcome your feedback.

The information event will be held on:

**Monday, 20th May 2019, at:**

**The Markham Suite** (function room on the ground floor)  
Rufford Mill, Rufford Abbey Country Park,  
Newark, Nottinghamshire, NG22 9DG

**Drop in any time between 4pm and 7pm**



# 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](mailto:info@lightsourcebp.com), quoting "Inkersall Grange Farm".



t 0333 200 0755  
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# COMMUNITY INFORMATION PACK

PROPOSED SOLAR INSTALLATION AT INKERSALL GRANGE FARM, INKERSALL GRANGE ROAD, BILSTHORPE, NOTTINGHAMSHIRE NG22 8TN



## STATISTICS

Lightsource BP is working on a proposal for a solar installation at Inkersall Grange Farm, Inkersall Grange Road, Bilsthorpe, Nottinghamshire, NG22 8TN. The proposal involves Lightsource BP funding and operating a solar installation that will connect into the local DNO network onsite, and will have an output power capacity of 49.9MW (Megawatts) – generating enough clean energy to power the equivalent of 16,633 local homes.

This site has been carefully selected, and a wide range of environmental assessments are being undertaken to inform Lightsource BP's plans. These assessments cover a variety of areas, including but not limited to landscape and visual, heritage and archaeology, ecology and ornithology, flooding and more. Another key part of the development process is engaging with the local communities to make sure that the project is suitable for the local area. A key part of this engagement is a community information event, where representatives from Lightsource BP will be on hand to answer any questions about the proposal from local residents and interested parties.



**205** acres of land



**49.9 MW** (Megawatts) supplied per year



Equivalent to the energy needs of **16,633** households



**20,938** tonnes of carbon emissions saved



Equivalent to taking over **4,455** cars off the road

Get involved!

# COMMUNITY INFORMATION EVENT

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# OUR INITIAL THOUGHTS

## Proposed solar installation at Inkersall Grange Farm, Inkersall Grange Road, Bilsthorpe, Nottinghamshire NG22 8TN

Our plans are in the early stages, so our design and planting and biodiversity enhancement proposals will evolve as we gather local input and the results of our ecological, landscape and heritage assessments. These are our current thoughts. For further details, please join us at our community info event on Monday, 20th May 2019. Drop in between 4pm and 7pm.



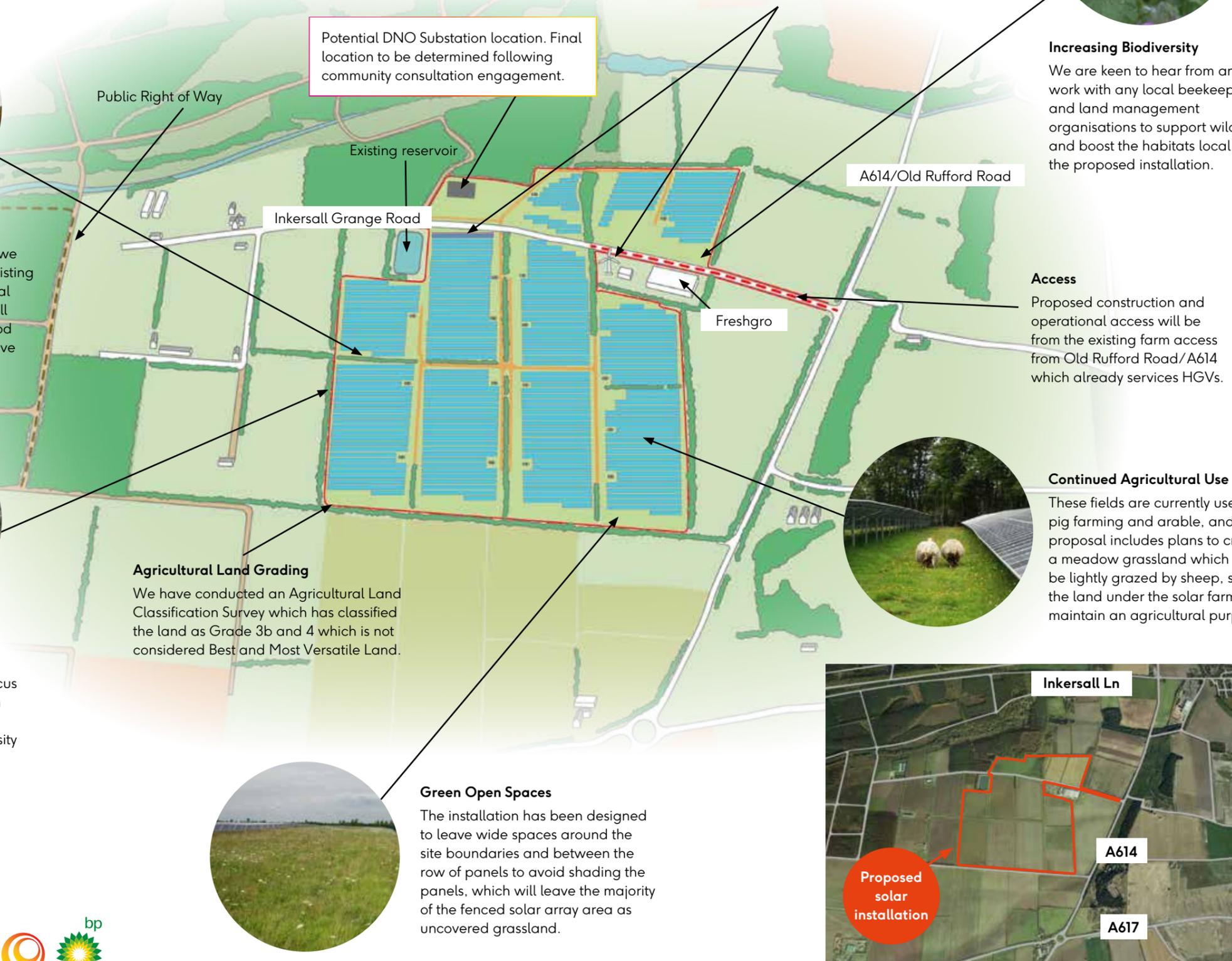
### Existing Vegetation

While developing the layout we have maintained all of the existing vegetation onsite. The external boundaries of the site are well vegetated and provide a good level of screening. Several have been recently reinforced.



### New Vegetation Planting

We will submit a detailed planting plan, which will focus on screening the installation from view using vegetation, and increasing the biodiversity values on the site via varied planting.



### Cable Route

The solar farm will connect into a distribution powerline via an underground cable within the boundary of the site, and no new overhead lines will be required for this project.

Existing 150kW panel array, approved in 2015 and existing single 500kW wind turbine, approved in 2014. The proposed solar farm is designed around this existing infrastructure and will remain separate to their operations.



### Increasing Biodiversity

We are keen to hear from and work with any local beekeepers and land management organisations to support wildlife and boost the habitats local to the proposed installation.

### Access

Proposed construction and operational access will be from the existing farm access from Old Rufford Road/A614 which already services HGVs.

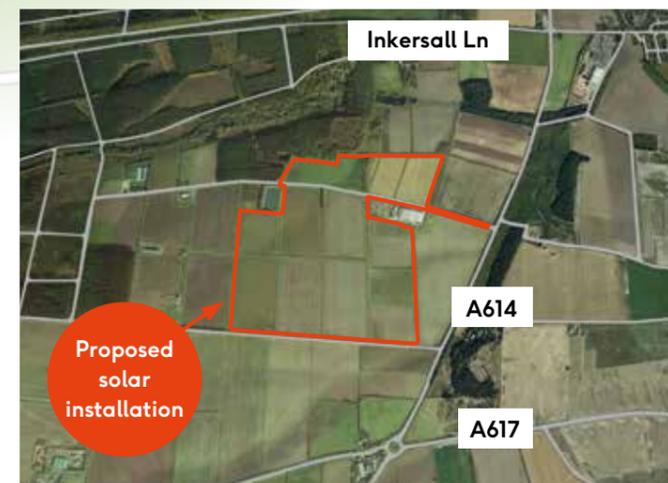
### Continued Agricultural Use

These fields are currently used for pig farming and arable, and our proposal includes plans to create a meadow grassland which can be lightly grazed by sheep, so the land under the solar farm will maintain an agricultural purpose.



### Green Open Spaces

The installation has been designed to leave wide spaces around the site boundaries and between the row of panels to avoid shading the panels, which will leave the majority of the fenced solar array area as uncovered grassland.



## 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 the 2020 targets for renewable energy and carbon emission reductions approach.

### How will the equipment be protected?

The solar installation 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 installation. 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 installations 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 installation cause traffic disruption?

Once the solar installation 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 installation is being constructed, a traffic management plan will be put in place.