

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:

Tuesday, 11th June 2019, at:

**The Parish Church of All Saints,
Hawton,
Newark, NG24 3RN**

Drop in any time between 4pm and 6.30pm



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 "The Grange, Hawton".

COMMUNITY INFORMATION PACK

PROPOSED SOLAR INSTALLATION AT THE GRANGE, HAWTON, NEWARK, NG24 3RJ



STATISTICS

Lightsource BP is working on a proposal for a solar installation at The Grange, Hawton, Newark, NG24 3RJ. The proposal involves Lightsource BP funding and operating a solar installation that will connect into the local electricity network and will have an output power capacity of 49.9MW (Megawatts) – generating enough clean energy to power the equivalent of 13,441 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 local communities to inform people of our plans and to get their feedback. 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.



44,261 MWh (Megawatts hours) supplied per year



Equivalent to the energy needs of **13,441** households



207 acres of land



16,920 tonnes of carbon emissions saved



Equivalent to taking over **3,600** cars off the road

Get involved! COMMUNITY INFORMATION EVENT

Tuesday, 11th June 2019, at:

**The Parish Church of All Saints,
Hawton,
Newark, NG24 3RN**

Drop in any time between 4pm and 6.30pm

OUR INITIAL THOUGHTS

Proposed solar installation at The Grange, Hawton, Newark, NG24 3RJ

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 Tuesday 11th June 2019. Drop in between 4pm and 6.30pm.



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.



Existing and New 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.

A detailed planting plan is being developed, which will focus on screening the installation from views along the site boundaries, through the implementation of new planting and strengthening existing vegetation. We will be looking for feedback from the community of the proposed landscape plan at the community consultation event.



Potential DNO Substation location. Final location to be determined following community consultation engagement.

Flood Risk
A Flood Risk Assessment is currently being undertaken with the majority of the site located in areas with a low chance of flooding.



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.

Agricultural Land Grading
We have conducted an Agricultural Land Classification Survey which has classified the fields as Grade 3b which is not considered Best and Most Versatile Land.

Access ★

Access to the solar farm for construction and on-going maintenance is proposed from an improved junction with Cotham Lane located at the existing field access opposite the Household Recycling Centre. Land to the east of Cotham Lane will be accessed from the access for the existing Hawton Solar Farm.

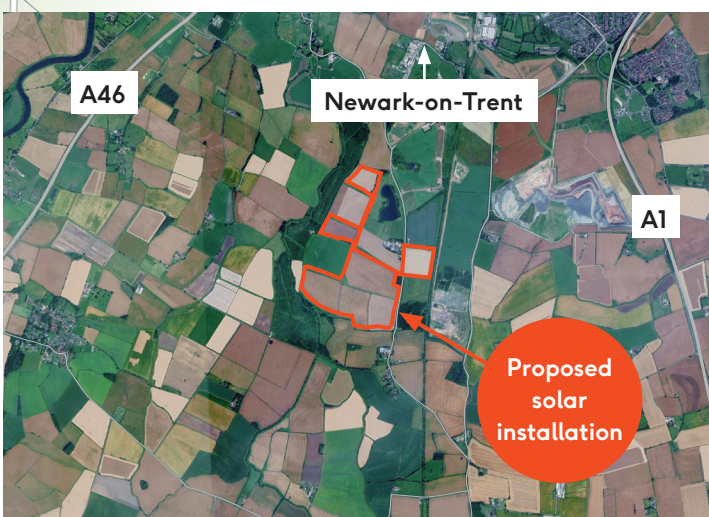


Views & Screening

The site is intermittently screened from view from Hawton, Cotham and Cotham Lane by well-established field boundaries, roadside vegetation and recent woodland plantation.

Land Use

Part of the land was a quarry up until the 1960s. The land has been restored to agriculture, but by its nature is more difficult to farm.



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.