



Bumble Bee Solar Farm



Invitation to public consultation event on **Wednesday 24 November** from **2pm - 7pm**



**Where is
Bumble Bee
Solar Farm?**

Introducing Bumble Bee Solar Farm

Enso Energy is proposing to develop a solar farm and battery storage facility on land west of Saundby Road/Gainsborough Road (A620), Saundby, Retford, near DN22 9ER at Bumble Bee Farm.

The proposed solar farm would provide renewable electricity for distribution to the National Grid. The proposal would generate a significant amount of energy each year of the proposed 40-year operational life, while also providing significant CO₂ savings when compared to generation of electricity by non-renewable sources.

The battery storage facility will supply electricity to the local electricity network at times of peak energy demand and help make the renewable energy output of the solar farm a secure and reliable part of the UK energy supply.

The project is at an early stage, and we would like your views on the development proposals.



The site

The site is located on land east of Bumble Bee Farm, Saundby Road/Gainsborough Road (A620), Saundby comprising approximately 151 hectares of land. While there are no statutory landscape, heritage or ecological designations on site, as part of our site surveys and further assessments we will be considering these matters carefully in developing our proposals alongside the feedback received.

Access to the site will be using existing access to the site via Saundby Road/Gainsborough Road (A620).

The site will connect to the National Grid Substation located at the West Burton A Power Station, approximately 2 km south, which is to close in 2022.

Evolving concept design of
Bumble Bee Solar Farm

The benefits

- It will assist Bassetlaw District Council to reduce greenhouse gas emissions in line with local, national and international targets and the declared Climate Emergency.
- The project will support the UK's urgent need to transition to a low carbon future, producing significant amounts of renewable energy.
- This is a temporary development and at the end of the solar farm's life (40 years) all equipment can be easily dismantled, removed from site and largely recycled. A solar farm allows agricultural land to rest for the period of operation and the land use is reversed back to agriculture at the end of the project life.
- A scheme of landscape and ecological improvements will be prepared, ensuring the project provides a biodiversity net gain.
- A solar farm gives land the opportunity for multiple uses. In addition to renewable energy production, solar farms can continue to be grazed by sheep and support biodiversity with wildflowers sown around the site.

We anticipate that construction will be complete in approximately 7 months.

The proposed solar farm will not require Government subsidy.



Getting to Net Zero

The UK Government was the first national government in the world to declare a Climate Emergency in May 2019 and has set a legally binding target of Net Zero emissions by 2050 (relative to 1990 levels). At local levels many councils have made their own similar declarations.

Renewables now account for approximately 43% of UK electricity generation proving they are a very viable alternative to fossil fuels. However, to achieve our targets and tackle Climate Change we urgently require a rapid increase in the further deployment of renewables, including solar.

Battery storage

We need to make the best use of all available technologies and resources to achieve net zero by 2050. As the share of renewable energy generation increases, the ability to store and balance energy supply and demand will be essential to achieve a zero carbon economy. According to the Department for Business, Energy and Industrial Strategy (BEIS) around 30 GW of short duration storage and flexible demand may be needed by 2050.

Due to technological advances in battery technology, renewable energy can now meet peaks in energy demand throughout the day. Deploying co-located battery storage provides an important role in decarbonising our energy system by storing renewable energy and discharging it.



Have your say

Enso Energy believes that it is vital that local communities are able to see and shape planning applications that may have an impact on them.

We therefore invite you to provide feedback on our draft proposals in the following ways:

1 Attend our public consultation event on Wednesday 24 November 2pm - 7pm.

You are invited to attend our public consultation event at which you can see our plans, learn more about our proposal and talk to the project team.

The event will be held at Beckingham and Saundby Village Hall, Southfield Lane, Beckingham, DN10 4QA.

2 Fill in the feedback form that accompanies this public consultation brochure.

Please read through this brochure and provide feedback to us by way of the free post feedback form.

3 Visit the dedicated public consultation website: <https://ensoenergy.co.uk/enso-projects/bumble-bee-solar-farm>

We have set up a dedicated public consultation website, where you can find further information about our draft proposals and provide feedback.



This brochure forms part of our pre-planning application process. We are asking for your opinion on a proposed solar farm and battery storage facility at Bumble Bee Farm.

Please take your time to consider the information within this brochure, and don't hesitate to contact a member of our team should you have any questions.

We would be grateful if you could answer the feedback form and let us have your contact details for the purpose of informing the project design and our planning application. Feedback received will be included within a Statement of Community Involvement which will accompany the application.

For further information, please do not hesitate to email consultation@ensoenergy.co.uk



About us

We are one of the UK's leading developers of renewable energy projects.

Our ambition is to use the latest solar technology to make a positive impact on our country and the communities we work with. We are firm advocates for renewable, low carbon, efficient, secure and sustainable energy that can be generated, stored and utilised locally.

Our approach to subsidy-free renewable energy is assisting the country's move towards a more secure renewable energy supply and accelerating progress to net zero.



Remain informed

Please visit <https://ensoenergy.co.uk/enso-projects/bumble-bee-solar-farm> where information about our proposals will be updated.

020 7499 2842

consultation@ensoenergy.co.uk

www.ensoenergy.co.uk

Should you require this document in large print, audio or braille then please contact us at the details provided.



Feedback form

To return your completed feedback form please tear it from the brochure and pop it in the post by **1 December 2021**. Alternatively, you can return your form via email to consultation@ensoenergy.co.uk

Title: Name:

Address: Postcode:

Email: Telephone:

- Has this local resident brochure been helpful in understanding our proposal? Yes No Not sure
- With regards to the proposals you have read about within this brochure, are you:
 - In favour
 - In objection
 - Of no opinion
- Please use this space to provide any comments on the proposal. We would welcome your feedback on all aspects of the emerging design shown in the brochure.

Please provide your contact details if you wish to get a response. Any information provided will only be used for the purpose of the planning application to the Local Planning Authority and will not be disclosed with any third parties. **Your contact details will not be listed on the planning application documentation.**

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