

Crabtree Lane Energy Hub Consultation Brochure

Invitation to public consultation event:

Wednesday 28 August | 5-7pm.

**Normanton on Trent Village Hall | South St
Normanton on Trent | Newark | NG23 6RQ**

Introducing Crabtree Lane Energy Hub

Enso Energy and Enso Green Holdings X Limited are in the early stages of preparing a planning application for Crabtree Lane Energy Hub which comprises a Battery Energy Storage System, substation, associated infrastructure and works on land east of Crabtree Lane and north of Polly Taylor's Lane, Skegby.

The connection to the Grid will be made at the High Marnham National Grid Substation, located approximately 1km east. The Proposed Development would operate for a period of 40 years.

This leaflet has been prepared so we can formally introduce the emerging proposals with you and, crucially, ask for your thoughts and feedback. Your comments will help to shape the final planning application that will be submitted to Bassetlaw District Council.



Why do we need Energy Hubs?

Crabtree Lane Energy Hub charges with electricity from the grid during periods of low demand and then discharges that electricity during periods of high demand.

Due to technological advances in battery technology, renewable energy can now meet peaks in energy demand throughout the day. Battery storage provides an important role in decarbonising our energy system by storing energy and discharging it over periods of high demand when renewable sources may not be generating. The Energy Hub can therefore contribute to grid stability by offering frequency control services to the National Grid.



The Site and Proposed Development

The proposed development is for the construction, operation (including maintenance) and decommissioning of a Battery Energy Storage System (BESS), substation, associated infrastructure and works. The Proposed Development would operate for a period of 40 years.

The proposed site location for Crabtree Lane Energy Hub is a single field, currently in agricultural use and surrounded by a network of hedges, trees and ditches on the northern and southern boundaries. The field is approximately 27 hectares.

The site is not covered by any statutory or non-statutory designations or assets that relate to landscape, biodiversity and cultural heritage.

All land will be subject to environmental surveys and assessments which will be used to refine the design alongside feedback received.

A scheme of landscape and ecological improvements will be prepared, ensuring the project provides a biodiversity net gain.

Construction

The construction of the proposal would take place within 30 months, with construction vehicles accessing the site via Polly Taylor's Road. A secondary access will be provided from Crabtree Lane during operation for emergency service vehicles.

Once operational there would be limited vehicle visits each month comprising a transit style van, accessing the Site via the proposed access from Polly Taylor's Road.

Policy Context

A significant increase in renewable energy generation is supported by national policy and relevant material planning considerations, such as **the UK Government's legally binding 2050 'net zero' target** supported by the Net Zero Strategy and the British Energy Security Strategy, which requires a rapid and expanded deployment of zero and low-carbon electricity generation, supported by energy storage, if climate change is to be tackled within our lifetimes and achieve the Government's ambition of **fully decarbonised power system by 2030**.

National Grid advised, in their July 2024 Future Energy Scenarios, that electricity storage is necessary across all net zero pathways to help balance the grid and ensure security of supply, modelling that the total electric storage capacity will need to increase to 26-34 GW by 2030 to achieve net zero targets. Great Britain currently has 4.7 GW of operational battery storage capacity.

The Climate Change Committee further highlights the need for urgent action in their reports **to ensure that reliable power is always there at the flick of a switch**.





About Enso Energy

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

- The project would support the UK's urgent need for energy security.
- The project would also support the UK's goal of reducing carbon emissions by 68% by 2030 compared to 1990 levels.
- Provides a consistent source of renewable energy for use by the National Grid, even when the wind stops blowing and the sun isn't shining.
- It will assist Bassetlaw District Council to reduce greenhouse gas emissions in line with local, national, and international targets.
- The proposed scheme would not require any Government subsidies.



Share Your View

This brochure forms part of our pre-planning application process. We are asking for your views on a proposed Energy Hub on land east of Crabtree Lane and north of Polly Taylor's Lane, Skegby. We want as many people as possible to share their views on our proposals as part of this consultation. You can provide feedback in the following ways:

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



Visit the dedicated project website:

www.crabtree-lane.co.uk

Email your comments to:

consultation@ensoenergy.co.uk

Chat to us on:

0808 2734 702

Talk to the project team at our public consultation event on

Wednesday 28 August

5-7pm

Normanton on Trent Village Hall, South St, Normanton on Trent, Newark, NG23 6RQ

Feedback received will be included within a Statement of Community Involvement which will accompany the application. We will consider all the comments that we receive as we continue to develop our proposals.



Write to us at:
FREEPOST
ENSO ENERGY



Use the tear off feedback form

Privacy Statement

By responding to this consultation you are agreeing that Enso Energy can hold and process your personal data in relation to this public consultation. We will only share your personal data with companies within the project team. Your identifiable, personal data will not be used for any other purposes without your consent. Depending on the nature of your consultation response, we will only use your data to:

- Respond to your specific questions or enquiries;
- Send you updates about this project (where you provide us with your contact details);
- Develop a Statement of Community Involvement (or similar document) detailing fully the public consultation undertaken and responses received. This document will be submitted to the Local Planning Authority/Planning Inspectorate and/or other relevant planning bodies. This will be a publicly available document. Any comments made will be anonymous and we will only identify you in these reports with your express permission;
- If you provide us with your contact details, we may contact you to ask you more about any consultation response you've made. Your data will be stored in line with the GDPR. Further information on our Privacy Policy can be found on the Enso website: www.ensoenergy.co.uk/privacy-policy/



To return your completed feedback form please tear it from the brochure and pop it in the post by 4th September 2024. No envelope or stamp is required. Alternatively, you can return your form via email to consultation@ensoenergy.co.uk.

Title: Name:
Address:
Postcode: Email:

1. Has this brochure been helpful in understanding our proposal?

Yes ☐ No ☐ Not sure ☐

2. With regards to the proposals are you:

In favour ☐ In objection ☐ Of no opinion/Not sure ☐

3. Please use this space to provide any comments on our proposal. We would welcome your feedback on all aspects of the proposal detailed in this consultation brochure.

Any information provided will only be used for the purpose of the planning application and this consultation. Your name and any comment will be listed in the planning application documentation. Your address and email address will not be shared.

Freepost ENSO ENERGY

FOLD HERE

Instructions

To return your feedback form, please fold and put it in the post to us.

If you'd like more space to share your thoughts, send us an email, or just write your comments down and pop them in an envelope with 'FREEPOST ENSO ENERGY' written on the front. You don't need any further address or stamp.

Any queries or problems? Get in touch via [consultation@ensoenergy.co.uk](mailto:ensoenergy.co.uk).