

Beacon Fen North

Original Proposal

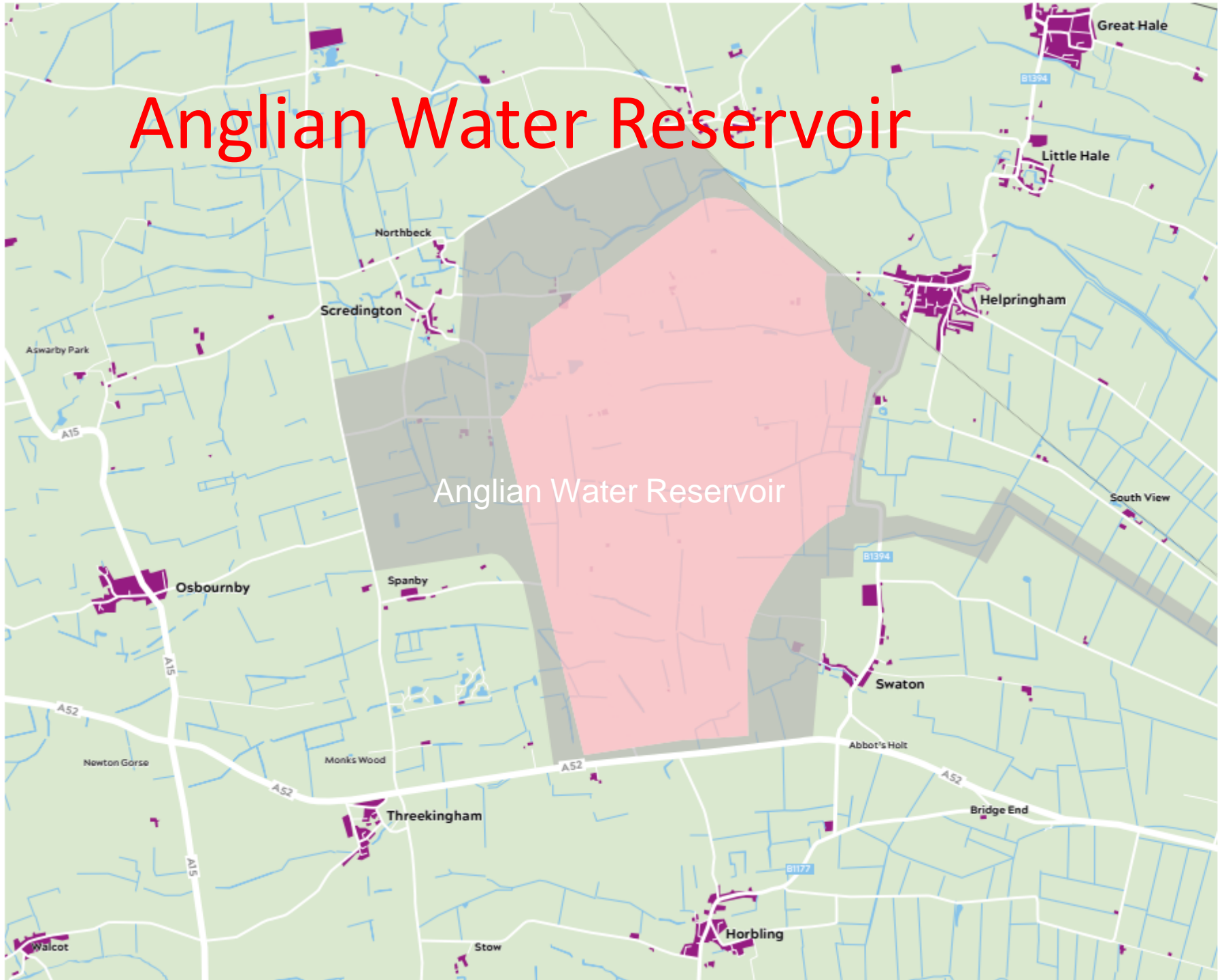
Indicative Cable Route Search Area

Beacon Fen South

Substation

# Anglian Water Reservoir

Anglian Water Reservoir





A map showing the proposed location for a solar and battery storage development. The site is a large, irregularly shaped area shaded in a light purple color, located between the villages of Ewerby and Howell. A blue dot is placed in the center of this shaded area. A blue callout box with white text points to this dot. The map includes labels for nearby locations: Anwick to the north, South Kyme to the northeast, Ewerby and Howell to the south, and Kirkby la Thorpe to the southwest. Roads shown include A153, A17, and B1395. The River Slea and Kyme Eau are also visible.

**SOLAR AND BATTERY STORAGE  
DEVELOPMENT FOR  
BEACON FEN ENERGY PARK**

**Revised  
Proposal**

**LAND GRADE CATEGORIES**  
**GREEN – GRADE 3**  
**LIGHT BLUE – 2 DARK BLUE – 1**



# How does solar energy work?

Read the handy infographic below to see how the sun is harnessed to power the planet.



## The sun

Harnessing sunlight as the Earth's primary source of energy

### 1. Solar panels

Converts the sun's energy into DC electrical power

### 2. Battery

Storing generated electricity to help the UK Electricity Network meet the needs when demand is high

### 3. Inverter

Converts DC into AC electrical power

### 4. Transformers

Steps up the voltage to the same voltage as the grid connection

### 5. Substation

Ensures the solar farm is safely connected to the grid

### 6. Export Meter

Measures the electricity exported to the grid

### 7. Output to the grid (kWh)

Local Network Operator

### 8. Homes

# The Development Consent Order Process

- More than 50MW; therefore classed as an Nationally Significant Infrastructure Project (NSIP)
  - Needs a Development Consent Order (DCO)
- Applications examined independently by the Planning Inspectorate (PINS), a government executive agency

## Six steps of the DCO process:

1. **Pre-application.** (where we are now) **Non Statutory Consultation. Statutory Consultation & Environmental Impact Assessment. Application for DCO Q1 2024.**
2. **Acceptance.** PINS has 28 days to decide if meets standards for Examination.
3. **Pre-Examination.** Consultees register as Interested Party with summary of views.
4. **Examination.** PINS has 6 months to Examine the proposal. Further information from Interested Parties. Open floor hearings – Public can register to speak.
5. **Decision.** PINS has 3 months to prepare report with recommendation to SoS, who has 3 months to issue final decision.
6. **Post-decision.** If favourably DCO granted and final decision by Beacon Fen Energy Park to proceed.



# EWERBY & EVEDON PARISH COUNCIL INVOLVEMENT TO DATE

- PART OF EARLY (NON-STATUTORY) CONSULTATION
- 27/04/23 FLYER DELIVERED TO EVERY HOUSE IN VILLAGE
- 27/04/23 EMAIL FROM HELEN SCARR OF PIER PR CONSULTANTS ASKING TO PRESENT TO THE PARISH COUNCIL
- 10/05/23 PARISH COUNCIL MEETING PRESENTATION BY LOW CARBON AND PIER PR. 4 MEMBERS OF THE PUBLIC PRESENT
- 17/05/23 EMAIL TO LOW CARBON WITH PARISH COUNCIL'S INITIAL OBSERVATIONS ON THE PROPOSAL – IN ADVANCE OF THE 1<sup>ST</sup> DROP-IN EXHIBITION IN HECKINGTON ON 18/05/23
- 22/06/23 MEETING WITH CONSULTANTS FOR LOW CARBON ON SOCIO-ECONOMIC STUDY FOR INCORPORATION INTO ENVIRONMENTAL IMPACT ASSESSMENT
- EARLY (NON-STATUTORY) CONSULTATION CLOSED ON 18/06/23
- STATUTORY CONSULTATION PLANNED FOR WINTER 2023/24

# SUMMARY PARISH COUNCIL RESPONSE TO EARLY (NON-STATUTORY) CONSULTATION- 1

## ENHANCEMENTS USED ON THE SITE:

- Significant visual impact of 1,300 acres solar panels.
- Mitigation – Biodiversity Enhancement Areas very important.
- Area east of Ewerby Thorpe to Howell road will be very important for tree belts, hedges and environmental areas; also extending to the east of the Ewerby Thorpe to Ewerby Waithe road. Part of the commitment to a biodiversity net gain of 10% as a minimum on the site.
- Location of Sub-Station, Container style Inverters and Battery Storage will be important.
- Noise from site to be established.



# SUMMARY PARISH COUNCIL RESPONSE TO EARLY (NON-STATUTORY) CONSULTATION - 2

## CONSTRUCTION TRAFFIC:

- Over 60 HGV movements per day, together with 40 light van movements plus construction personnel accessing the site during the construction phase.
- Map provided highlighting problems of existing road network including (a) junction Thorpe Road and Main Street (b) weight limit on Ewerby Waithe road of 7.5 tonnes (c) Kirkby la Thorpe Primary School (d) roads between Howell, Boughton, Asgarby and Ewerby unsuitable for HGVs.
- A new road access to eastern end of the site will be necessary possibly off the East Heckington/North Kyme road, which already has HGV traffic.

# COMMUNITY ENGAGEMENT

- If the application was successful the Parish Council would want to explore the potential for the Community to benefit from the development.
- Similar projects have established a Community Fund which could be used in enhancing facilities within the village.
- A contribution to energy costs in each household in the village over a defined number of years should be explored.

## CONCLUSION:

- In a planning process that makes little provision for local engagement the Parish Council would hope for a positive dialogue with the developer to mitigate some of the less desirable features of a sea of glass.

## WHO IS LOW CARBON?

- Low Carbon Limited is a Subsidiary of Low Carbon Group (which in turn is a Subsidiary of Oxygen House Group Limited).
- On 8<sup>th</sup> November 2021 shares were allotted to Massachusetts Mutual Life Insurance (MassMutual) for a consideration of £100,000,000 giving them 25% of the share capital of the Company.
- MassMutual were given an option to purchase an additional 24% of the issued capital of Low Carbon Limited; the option was exercised on 14<sup>th</sup> February 2022.
- The balance of the share capital is owned by the 2 founders of Low Carbon Limited.

# STATEMENT TO EWERBY & EVEDON PARISH COUNCIL BY HELEN SCARR PIER – COMMUNITY ENGAGEMENT AND CONSULTATION CONSULTANTS TO LOW CARBON

We encourage ongoing engagement during this period of time, however, particularly with near neighbouring communities such as yourselves. Our email address and freephone number are always available and monitored daily during the working week, so please do pass this on to the residents so we can continue conversations about the project as it evolves and answer questions. Our website will be updated regularly with the latest information on the project. We also plan to send a newsletter to residents next month with further project updates.

FREEPOST BEACON FEN ENERGY PARK

**info@beaconfenenergypark.co.uk 03300571943**