

## Why do we need Greener Grid parks?

**As Great Britain generates increasing amounts of electricity from renewable sources, Statkraft's Greener Grid Parks are an essential component of a successful transition to a Net Zero energy system.**

Greener Grid Parks are facilities comprised of zero carbon technologies which stabilise the grid, allowing more renewable energy to be transmitted through the network. Keeping the grid stable means ensuring the amount of electricity flowing through the grid always remains level.

They are not a wind farm or solar farm, but are a collection of buildings which look similar to agricultural barns, warehouses and shipping containers. These buildings house large machines with built-in flywheels to provide grid stability without emitting any carbon dioxide.

Ultimately these improvements will increase the amount of renewable energy we can use and reduce our energy bills.

### Why is the project being proposed at Necton?

National Grid Energy Systems Operator (NGESO) have identified Norfolk as an area which requires more grid stabilisation due to the amount of renewable energy being generated across the UK. This was further narrowed down to Necton substation based on the timescales allowed for connecting to the grid and the substations that had physical space for a new connection.



### Why is the project being proposed on this site?

The specific location was identified through a careful assessment of the area and consultation with technical specialists about subjects such as landscape and ecology. In addition, there is a need to be located very close to the substation to reduce the size of the high-voltage cable infrastructure and maximise the grid stabilisation function of the Greener Grid Park.

At Necton, the close proximity to the substation avoids lengthy transmission cables and ensures an efficient connection to the grid whilst minimising environmental disturbance and cost.



Find out more at:

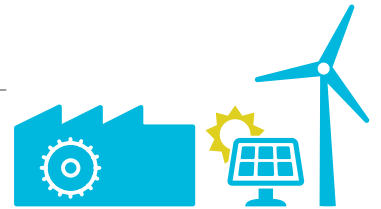
[www.statkraft.co.uk/greenergridparks](http://www.statkraft.co.uk/greenergridparks)

# 5 Reasons Necton Greener Grid Park is the right project for Norfolk

Statkraft submitted plans to Breckland Council for Necton Greener Grid Park in August 2023 - **LPA Ref. 3PL/2023/0848/F**

## 1 SUPPORTING OUR GREEN FUTURE:

Greener Grid Parks provide **fossil fuel-free grid stability** so the UK can utilise as much renewable energy as possible.



## 2 SENSITIVE DESIGN:

Should we get consent we will plant a landscape buffer of over **500 new trees and shrubs, minimising visual impact and enhancing biodiversity.** This area is equivalent in size to approximately two football pitches.



## 3 INVESTMENT IN LOCAL COMMUNITY:

If the project is consented it would generate a **community benefit fund of £20,000 per year**, supporting low-carbon community projects throughout the development's lifespan, beginning at construction.



## 4 OPPORTUNITIES FOR MORE INVESTMENT IN THE AREA:

We're committed to increasing local economic benefits. We estimate **Statkraft will contribute over £100,000 per annum in business rates.** We work with local business groups to increase awareness of opportunities to get involved in the construction and operation of our projects.



## 5 GENUINE PUBLIC CONSULTATION:

We wrote to over **1,000 households** and hosted an in-person and virtual consultation event. **Community feedback** helped us to evolve many elements of the final plans including **increased planting and improved drainage.**

