



# Kiln Lane substation

## Community update

June 2026

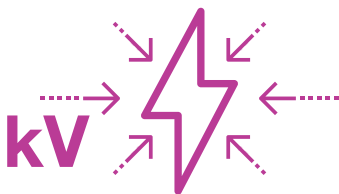
### We're starting work on Kiln Lane substation

We have planning permission for the new substation, which will connect ScottishPower Renewables East Anglia ONE North and East Anglia TWO wind farms to the electricity network.

As part of the project, we need to:

construct the

**400 kV**  
Kiln Lane  
substation



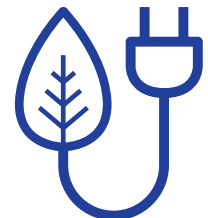
**build two temporary pylons**

to allow the safe operation of the existing line during construction.

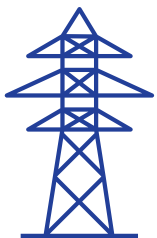


**modify the existing overhead line**

closest to the substation, by removing one existing pylon and constructing two new pylons.



**ScottishPower Renewables** will also be building two other substations next to Kiln Lane substation, which are marked on the visual overleaf.



make small changes to the equipment on up to

**12 existing pylons**

on the existing overhead line.

## Construction equipment

We have applied to East Suffolk Council to use two tower cranes to help speed up delivery, in place of crawler cranes. The tower cranes will be on site from October 2026 until around July 2027.

### Using tower cranes will help us:

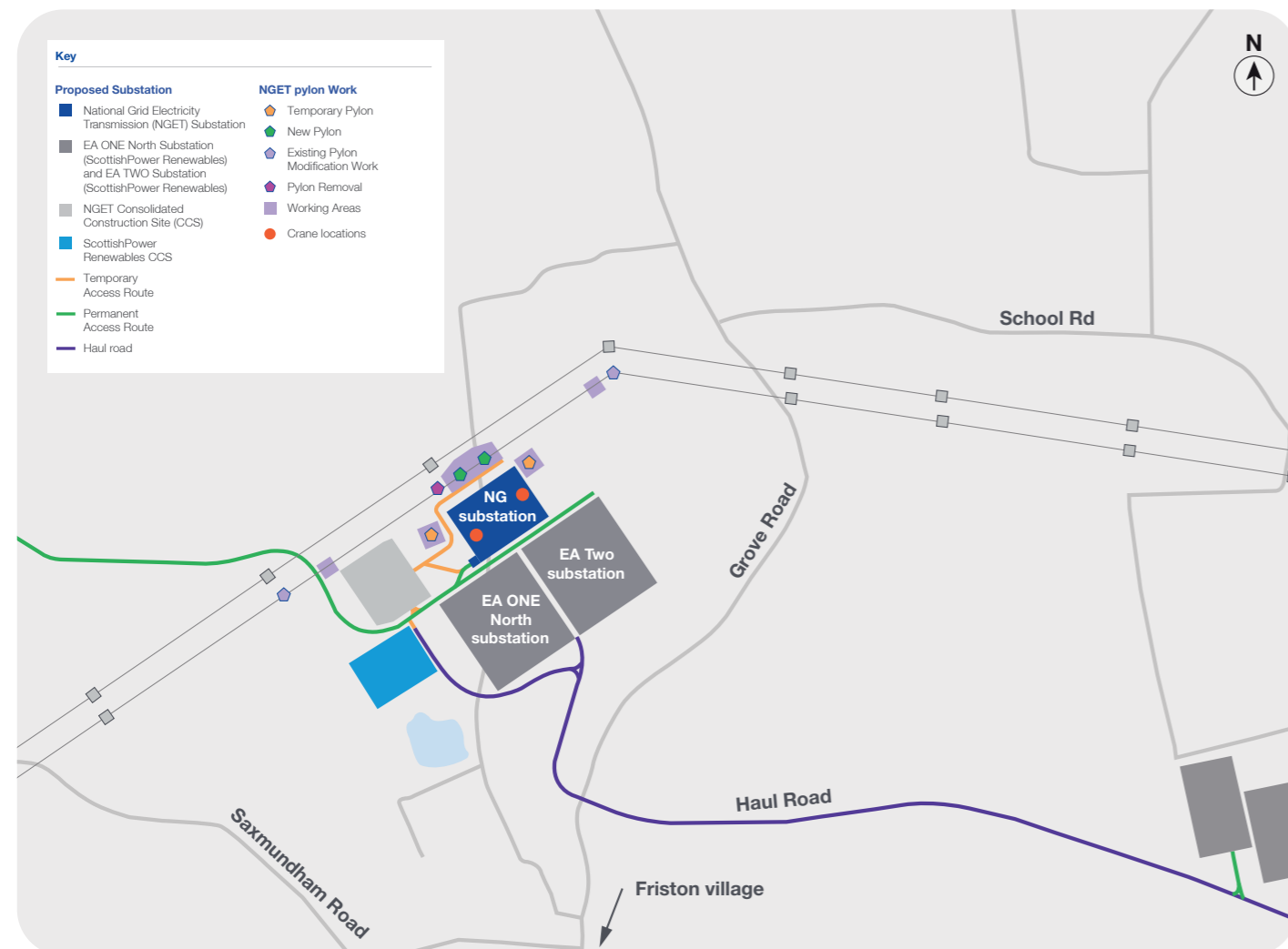
- **build quicker**, shortening the construction period by around four weeks by allowing us to lift materials directly to where they are needed on site
- **reduce traffic in and out of the site** as cranes won't need to be brought to and removed from site
- **reduce traffic within the site** as we will be able to unload materials from vehicles directly where they are needed within the construction area.

## Tower cranes

We are using tower cranes to speed up construction. They are no louder than crawler cranes when in use and we'll remove them as soon as they are no longer needed.

For safety, they'll have two steady, low-level red lights on the crane arms, with motion activated security lighting on the lower sections. There will be no flashing orange lights at ground level, unlike a crawler crane.

The cranes will be located as shown below.



## Traffic management

We've agreed a Construction Traffic Management Plan with Suffolk County Council to help keep traffic away from local villages.

All Heavy Goods Vehicles (HGVs) will use pre-approved routes - the A12, A1094 and B1069, and will enter the site via a dedicated access point on the B1069, next to the proposed substation.



## Coordination with other developers

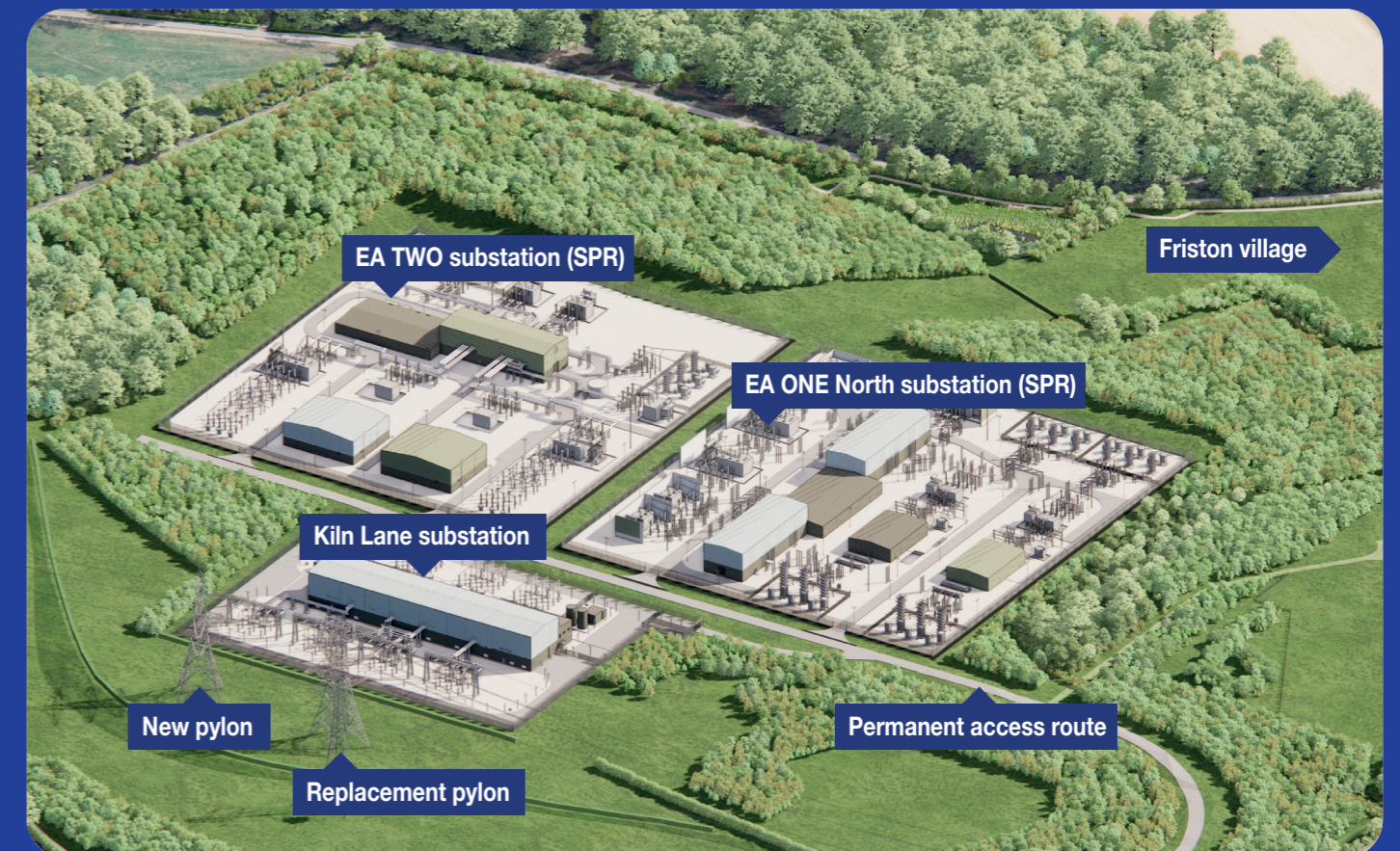
We're building the substation under ScottishPower Renewables (SPR)'s consent and will be following their permission. We meet regularly with the teams from SPR, Sizewell C, and other local projects. We coordinate our schedules and share infrastructure like the haul road wherever possible, to reduce the combined effect on the community.



## Our working hours

- Monday to Friday: 7am–7pm
- Saturday: 7am–1pm
- Sundays and public holidays: No work planned.

Our teams will sometimes arrive up to one hour early or stay one hour late to set up or close down the site (e.g. for deliveries or briefings). However, we won't use any noisy machinery during this time.



## How we'll build the substation

Our contractor, Omexom Taylor Woodrow, is about to start preparing the site. As a result, you'll see more National Grid staff and our contractors on-site and in the area.

Before we begin construction, we have been carrying out ecology surveys to protect local wildlife and habitats. As a result, we have made small adjustments to the timing and phasing of our site setup works.

We are planning to install a smaller number of temporary site cabins from July. These will be replaced in September by more permanent cabins for the remainder of construction.

We are setting up our working area in phases from now until September, before main construction work starts in late 2026.

Over the coming months, you'll see us:

### Mid-July – September 2026

#### Preparing our construction area

- installing fencing to define the work area
- preparing the ground to install services like ducting, drainage and waste tanks
- outlining areas for the office, car parking, storage, waste tanks and skips.

To prepare the construction areas, we'll be using delivery vehicles, excavators, dumpers, and rollers / compactors, which you will see locally.

### September – December 2026

- delivery of site cabins
- main construction works begin in November to December
- community construction event to meet the team and find out more

After this, we'll continue building the substation in stages. This will include constructing the main substation infrastructure, carrying out the overhead line works needed to connect it safely to the electricity network, and installing the electrical equipment inside the substation.

- once construction is complete, we'll remove any temporary infrastructure and carry out final reinstatement and landscaping works.

## 2028 – construction complete and reinstatement works under way



### Join us at a webinar to find out more about construction

We will be holding a webinar on Tuesday 30 June 2026 where you will be able to hear about the construction process for the Kiln Lane substation, as well as about our proposal to use tower cranes to speed up construction. Use the QR code, or visit our website, to register your interest.

### Contact us

You can find out more about our construction of Kiln Lane substation by visiting [nationalgrid.com/kilnlane](https://nationalgrid.com/kilnlane)

For regular updates, you can join the WhatsApp channel by scanning the QR code, or getting in touch with our team.

- email us: [kilnlane@nationalgrid.com](mailto:kilnlane@nationalgrid.com)
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