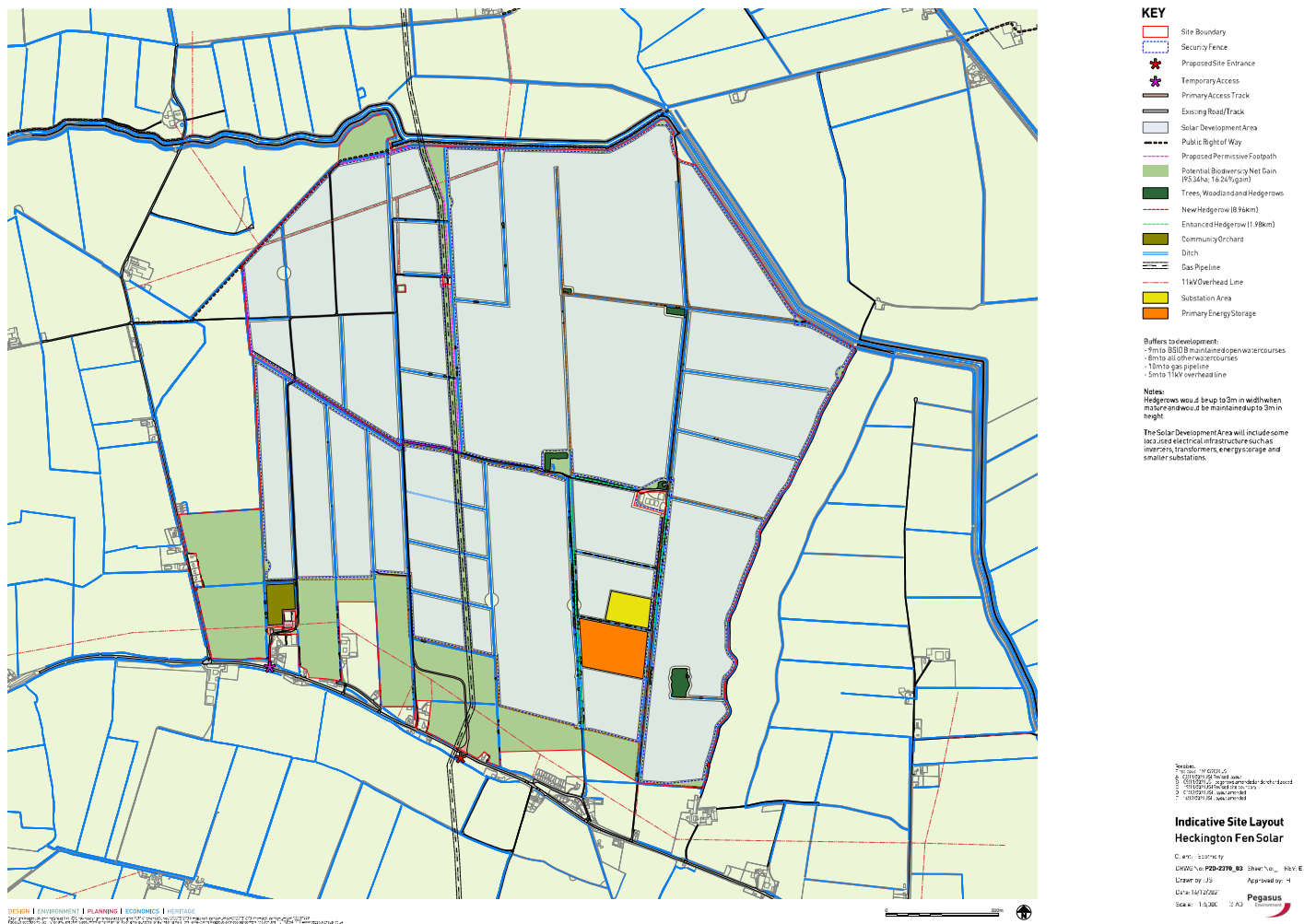


Heckington Fen Solar Farm – Site Layout



Video transcript

My name is Laura and I am a Project Manager at Ecotricity for Heckington Fen Solar Park.

I am here to provide some more details on the latest design for the Solar Park and energy storage facility.

The site sits to the north of the A17 outlined in red, with the Head Dike bounding the site to the north, a smaller watercourse to the east, and Sidebar Lane to the west.

There are a number of properties along Sidebar Lane and the A17.

The green area you can see along the southern border is Biodiversity Net Gain areas, which will comprise a mosaic of open habitat.

The boundary of the solar park will be screened with planting and fencing. The maximum height of the fencing is proposed to be 3m. Fencing is shown as the blue dashed line around the perimeter of the site.

New hedgerows are shown as brown dashed lines, and bright green are hedgerows which will be improved.

Moving along the southern perimeter of the site you can see the olive green area, which is proposed to be a community orchard, available for use by community groups, the parish council and the new school at Elm Grange by arrangement.

A temporary construction access will use the existing Elm Grange entrance, shown as the purple star, until the new access is completed further along the A17, shown as the red star.

This access was approved, but not constructed, for the previous wind park application. We have chosen to do this to ensure that construction traffic is as far away from people's homes as possible.

The existing gas pipeline crosses the site in this location also.

Moving further east, to the right as you look at the plan, you can see an orange area, and a yellow area. These show the proposed locations for the energy storage facility, in orange and onsite substation, in yellow. These areas may be refined following further survey work.

The energy storage facility will have a maximum height of 4.5m. There is the potential that other elements of the development could be taller than 4.5m such as equipment associated with the substation. The panels themselves are also proposed to be around 4.5m at their tallest point, however this may reduce following survey work in relation to flood risk.

The green area you can see is an existing area of woodland, there are a few others around the site as well.

The panels will be set back from the

drainage ditches, some of which are maintained by the landowner, others by the Black Sluice Internal Drainage Board.

There is a small block in the centre of the site, and a further three smaller areas which are outside the red line boundary, these relate to farm buildings and the gas pipeline

Along the northern border we have another area of biodiversity net gain, and an overhead line that traverses the site. In this north west corner we are proposing a circular permissive path, shown as the pink dashed line, to connect into the existing footpath network, which runs along the northern boundary, shown as the orange dashed line.

Further work is required offsite, which will include underground cabling to connect the solar panels and energy storage to the existing Bicker Fen substation 6km to the south. Some directional drilling will be required to ensure the watercourses, road and railways are crossed safely. The cabling is expected to follow a broadly similar route to other underground electricity cables in the area.

Please let us know if you have any questions, or you would like to receive a hard copy of the above information, you can contact us on our freephone number, by freepost address or by email. The details of which are on the webpage.