



**THREE OAKS RENEWABLE
ENERGY PARK
EXTENSION**

**Statement of Community Involvement
Appendix E: Display Boards at Public
Exhibitions**

MAY 2026

Prepared By:

Ridge Clean Energy Ltd

Noah's Ark Market
Street Charlbury
Oxfordshire
OX7 3PL

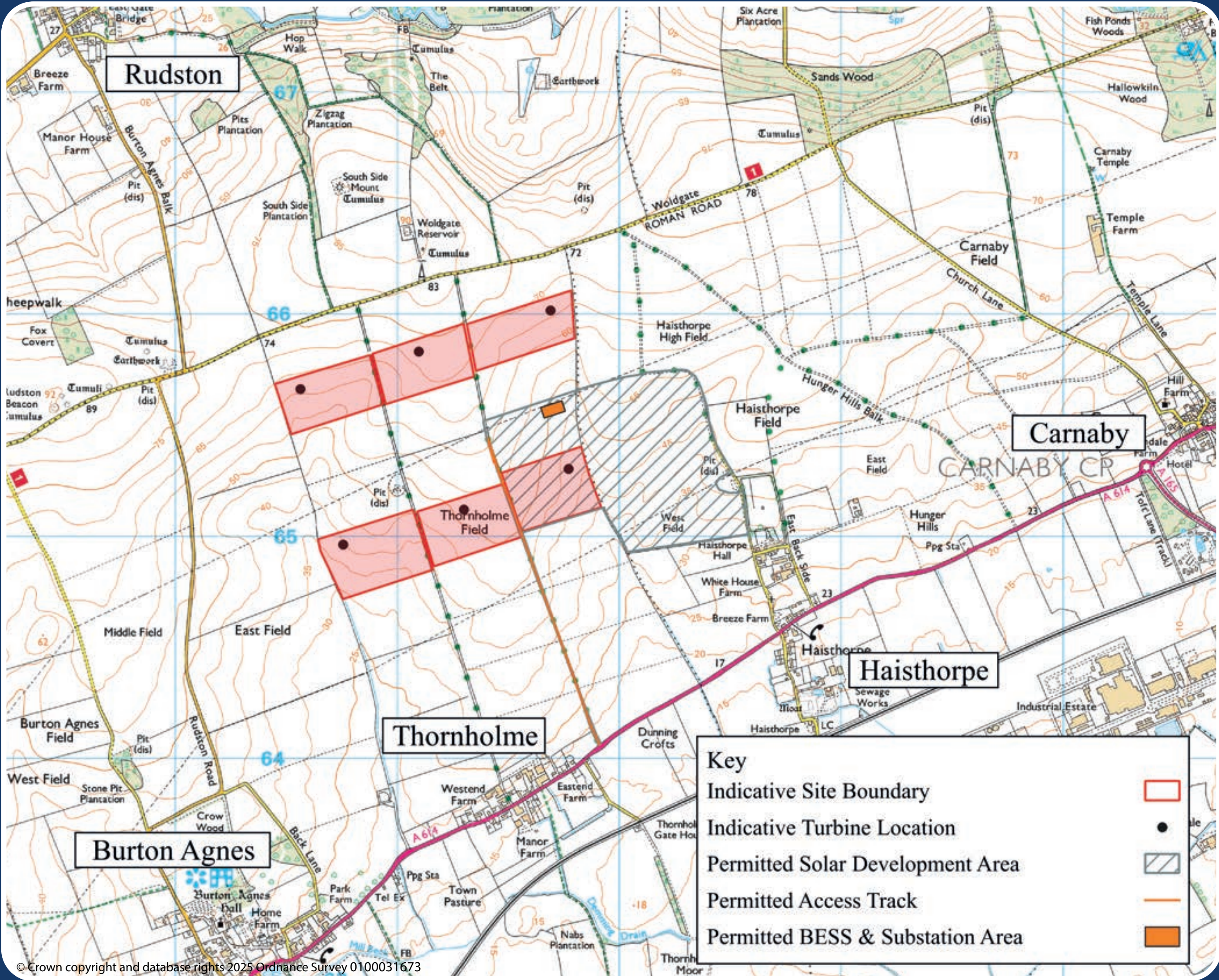
T +44 (0)1608 819 253 | **E** energy@ridgecleanenergy.com
W www.ridgecleanenergy.com

Registered in England No. 08830217

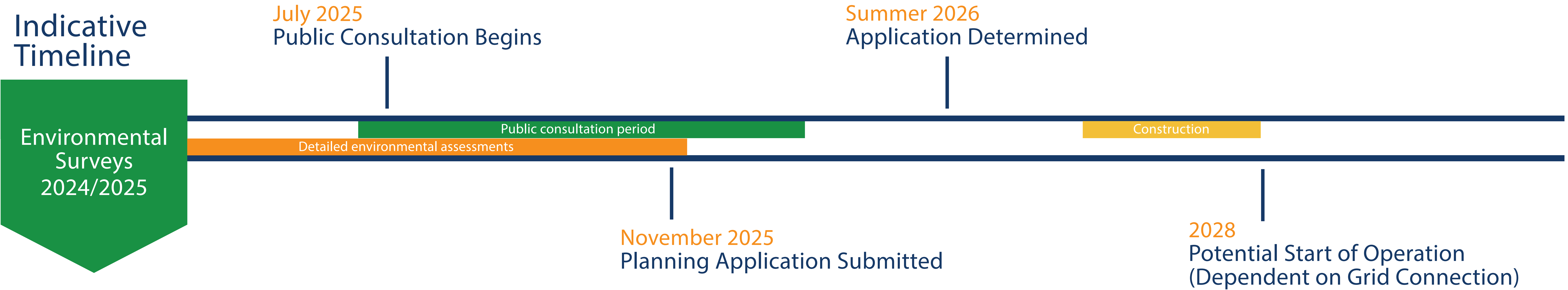
Three Oaks Renewable Energy Park Extension

Key Facts

- The scheme would generate as much electricity each year as is used by approximately 24,000 homes.
- Proposes 6 wind turbines, one of which would be integrated into the approved solar farm area.
- Wind capacity of 25.2 MW.
- Maximum wind turbine height of 149.9m to tip of blade.
- 40 year operational period.
- Site area of approximately 6 ha/14.8 acres.
- Approximately 6-9 month construction period.
- Fully decommissioned after operational period.
- Would create a community benefit fund of £5 million over the lifetime of the project to support community projects and could provide local electricity discounts for residential properties near the site.
- The addition of wind to the already approved Three Oaks solar farm would create a hybrid renewable energy park supporting the UK's ambition to become a clean energy superpower.



Three Oaks Renewable Energy Park Extension Site Location

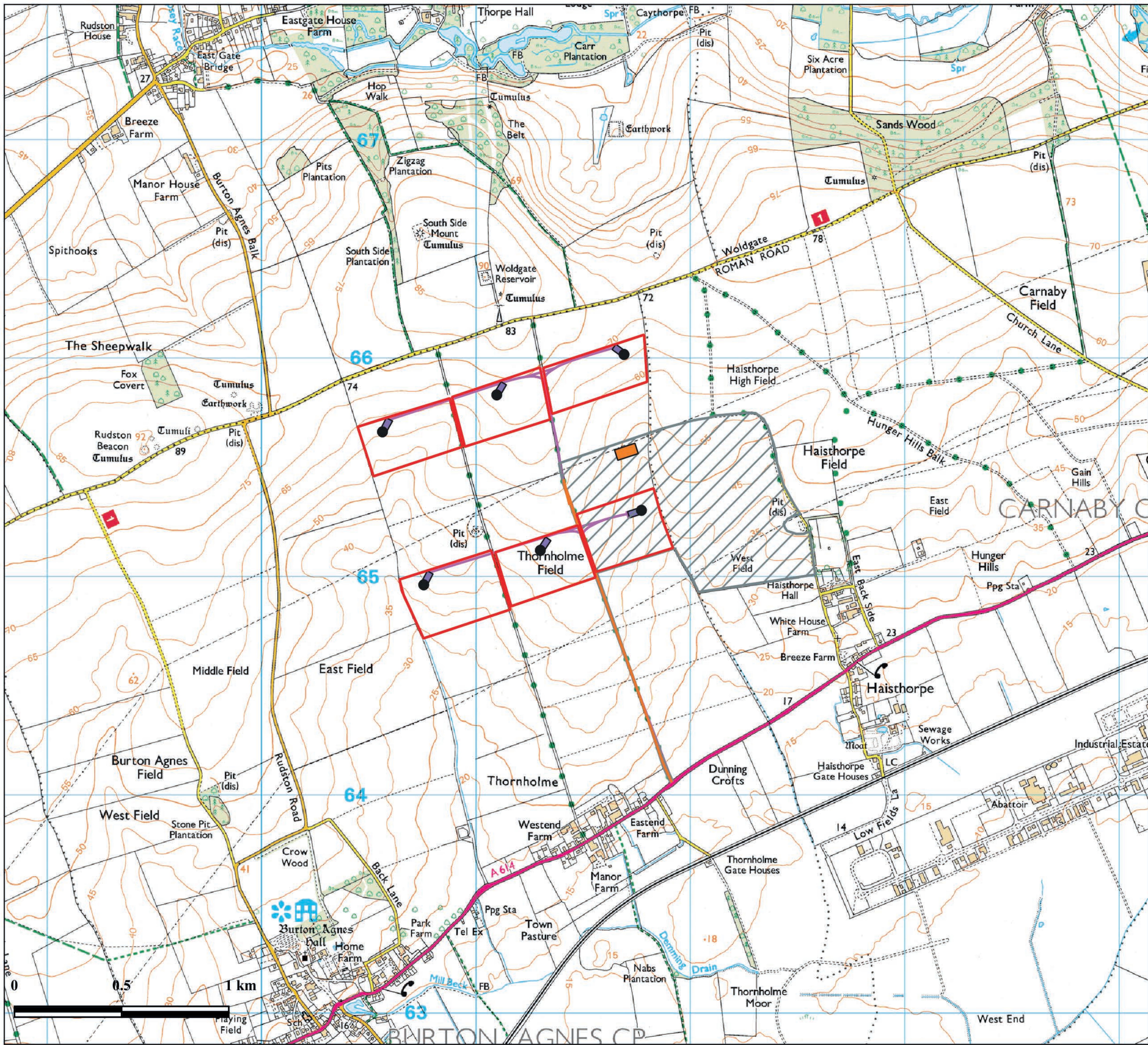


RIDGE
CLEAN ENERGY



Three Oaks Renewable Energy Park Extension

Site Layout



© Crown copyright and database rights 2025 Ordnance Survey 0100031673

Legend

- Indicative Site Boundary
- Indicative Wind Turbine Location
- Indicative Turbine Hardstanding
- Indicative Tracks Between Turbines
- Permitted Access Route
- Permitted Solar Development Area
- Permitted BESS & Substation Area

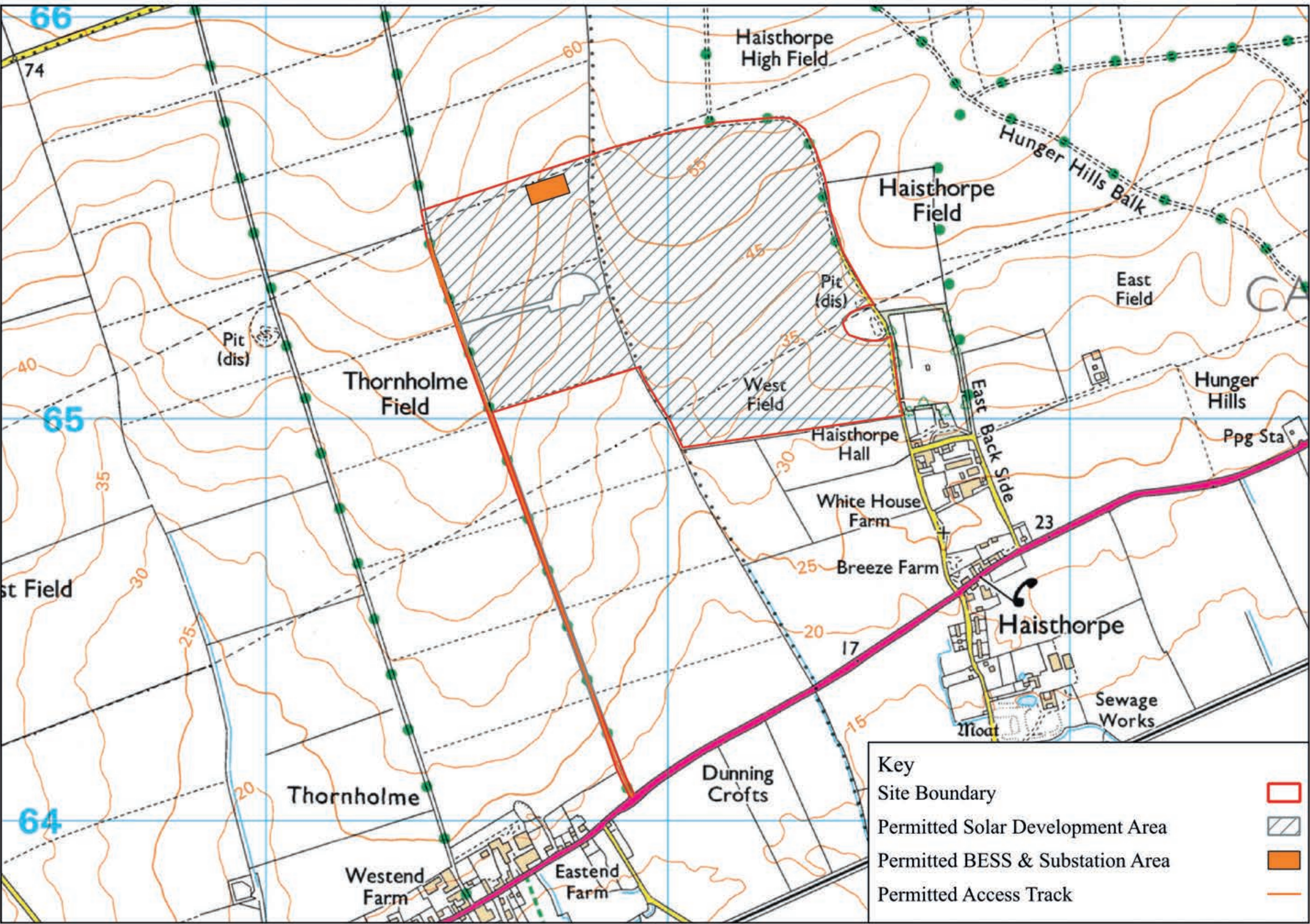


Three Oaks Renewable Energy
Park Extension

Indicative Site Layout July 2025

Three Oaks Renewable Energy Park

Solar and Battery Storage



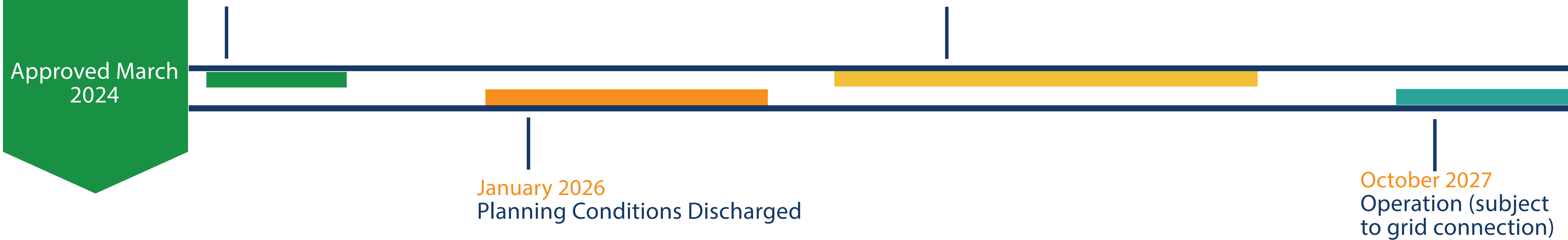
The consented Three Oaks Renewable Energy Park, comprising a solar farm and battery energy storage system, received planning permission from East Riding of Yorkshire Council on 21 March 2024. Since then, work has progressed on the information required to discharge planning conditions, in preparation for construction starting in late 2026.

The proposed wind farm extension would create a hybrid renewable energy park, maximising use of space and infrastructure to support the UK's ambition to become a clean energy superpower. One wind turbine would be incorporated into the consented solar farm, with the remaining five located on land adjacent to the site. An amendment to the existing site design will be submitted later this year to allow for integration of the wind turbine among the solar panels.

An agreement has been signed with East Riding of Yorkshire Council to administer a £20,000 per annum Community Benefit Fund, to be allocated by Burton Agnes Parish Council and Carnaby Parish Council for local community projects. This funding will be deployed once the project is operational.

During project development, we have engaged actively with the local community, supporting clubs, initiatives, and venues with essential funding. In addition, in response to the Government's cut to Winter Fuel Payments this past winter, we recognised an immediate local need and partnered with East Riding Food Poverty Alliance to provide £10,000 in fuel vouchers to residents in the local area.

Indicative Timeline



Three Oaks Renewable Energy Park Extension

Policy & Targets



The drive to increase renewable energy generation is a key part of the UK's low carbon future. This homegrown, zero-emission energy will also help to stabilise electricity prices, minimising the volatility seen in recent years and ensuring greater control of our energy costs.

The benefits of energy independence are widely-recognised. At a recent speech to the Future of Utilities conference, Ofgem's Chief Executive said:

"We need to secure the investment necessary to diversify our energy mix, and to reach clean power. This is the only credible way of reducing consumers' vulnerability to volatile gas prices. This will do a number of things. It will increase our energy security and resilience. It will reduce our dependence on gas prices, and create a system that will allow us to avoid a repeat of the impacts of the energy crisis that we faced a few years ago".

We are keen to take part in this mission, and we see renewable energy as the right thing for families, businesses and our environment.

National Alignment

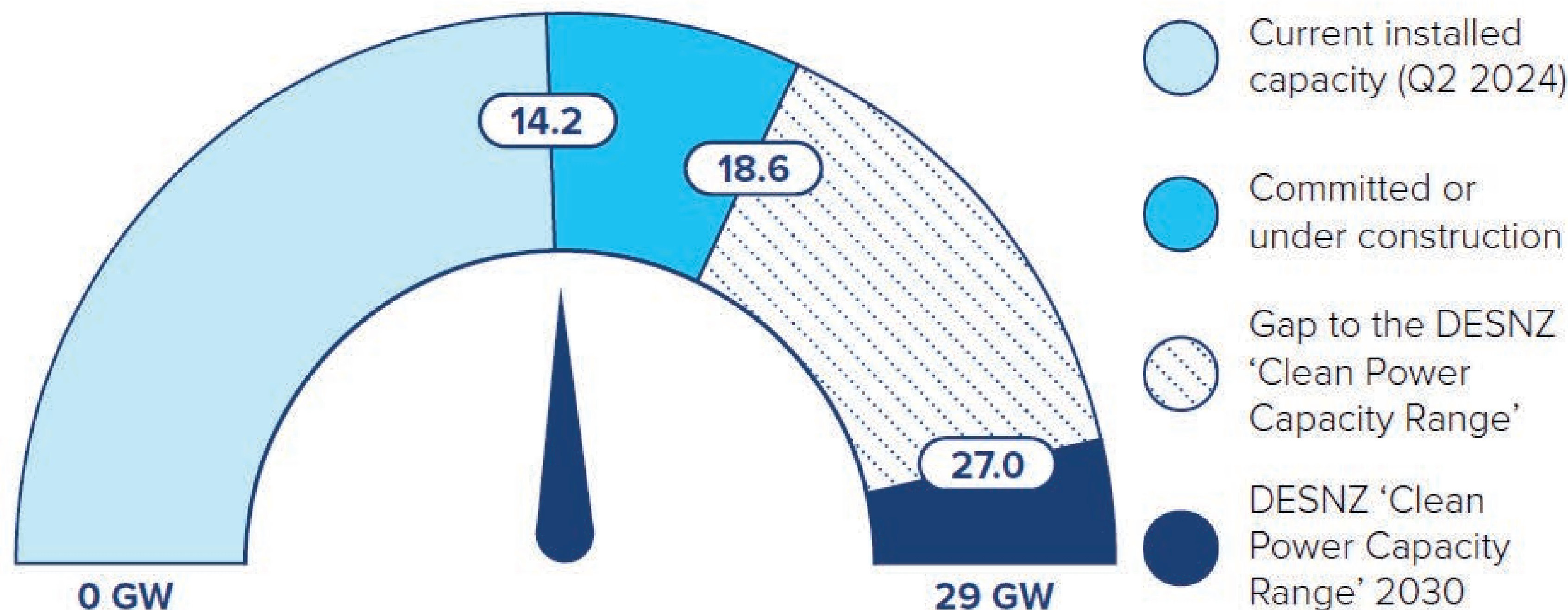
Clean Power 2030 (CP30), the UK Government's flagship energy commitment, aims to substantially decarbonise the UK electricity system by 2030 and pave the way to a Net Zero economy by 2050. The Three Oaks Renewable Energy Park Extension is designed to make a meaningful contribution to this national effort.

- The project would supply 25.2 MW of clean, homegrown electricity.
- It represents approximately 0.1% of the UK's total 2030 onshore wind target of 27GW.
- Operational before 2030 – fully in line with CP30's onshore wind rollout goals.
- Bolsters UK energy security by increasing domestic clean energy supply.
- Improves system resilience by diversifying the energy mix, helping our grid better withstand international market shocks from geopolitical crises and capacity fluctuations by extreme weather.



Onshore Wind

Current installed capacity compared to the DESNZ 'Clean Power Capacity Range' in 2030 (GW)



Regional Alignment

The Three Oaks Extension directly supports two key energy objectives of the East Riding Climate Change Action Plan (2024–2030):

1. 'Increase the rollout of renewable energy in East Riding'
2. 'Help create a greener and smarter local energy system'

In addition, we are committed to working with your communities to identify and support new projects and ideas that matter to local people.

The East Riding of Yorkshire Council Climate Change Manager recently reiterated "East Riding Council's firm commitment to the environment", in which renewable energy plays a key role. Such projects also support local job creation and skills development, and strengthen the region's low-carbon economy, to make it one of the leading regions at the forefront of the green transition.

Three Oaks Renewable Energy Park Extension

Working With Communities Like Yours



Building a long-term partnership

Ridge Clean Energy is committed to investing in the local community in which we work. Across our portfolio of projects under development in the UK, £80,000 worth of benefits has been awarded to date for local and environmental initiatives.

Each project is assigned a dedicated Community Partnership Coordinator, who builds a relationship with local residents and community champions to identify and develop initiatives that support the local community and its path to Net Zero.

We plan and develop projects hand-in-hand with community groups, focussing on how we can add long-term value to those local communities while adding homegrown renewable energy to the grid.

Three Oaks Renewable Energy Park Extension would create a substantial Community Benefit Fund of £5,000 per megawatt of installed capacity, totaling £126,000 annually, which amounts to:

£5 million for the 40-year lifetime of the project.

The fund could provide an energy rebate for residential properties surrounding the wind site, along with a contribution to local projects and ideas. Additionally, we are keen to continue our ongoing partnership work with the community to support local initiatives ahead of the project being commissioned, through offering fundraising support or providing seed funding.

As part of our community partnership work for the already approved Three Oaks Renewable Energy Park, we worked with East Riding Food Poverty Alliance last winter, to provide funding to distribute free fuel vouchers to people living near the proposed project site. We are also supporting the newly launched 'Joyful Connections Welcome Space' in Burton Agnes, which provides a safe, welcoming venue for people to meet and socialise.



Three Oaks Renewable Energy Park Extension

Community Benefit Fund



Local Energy Discount Scheme

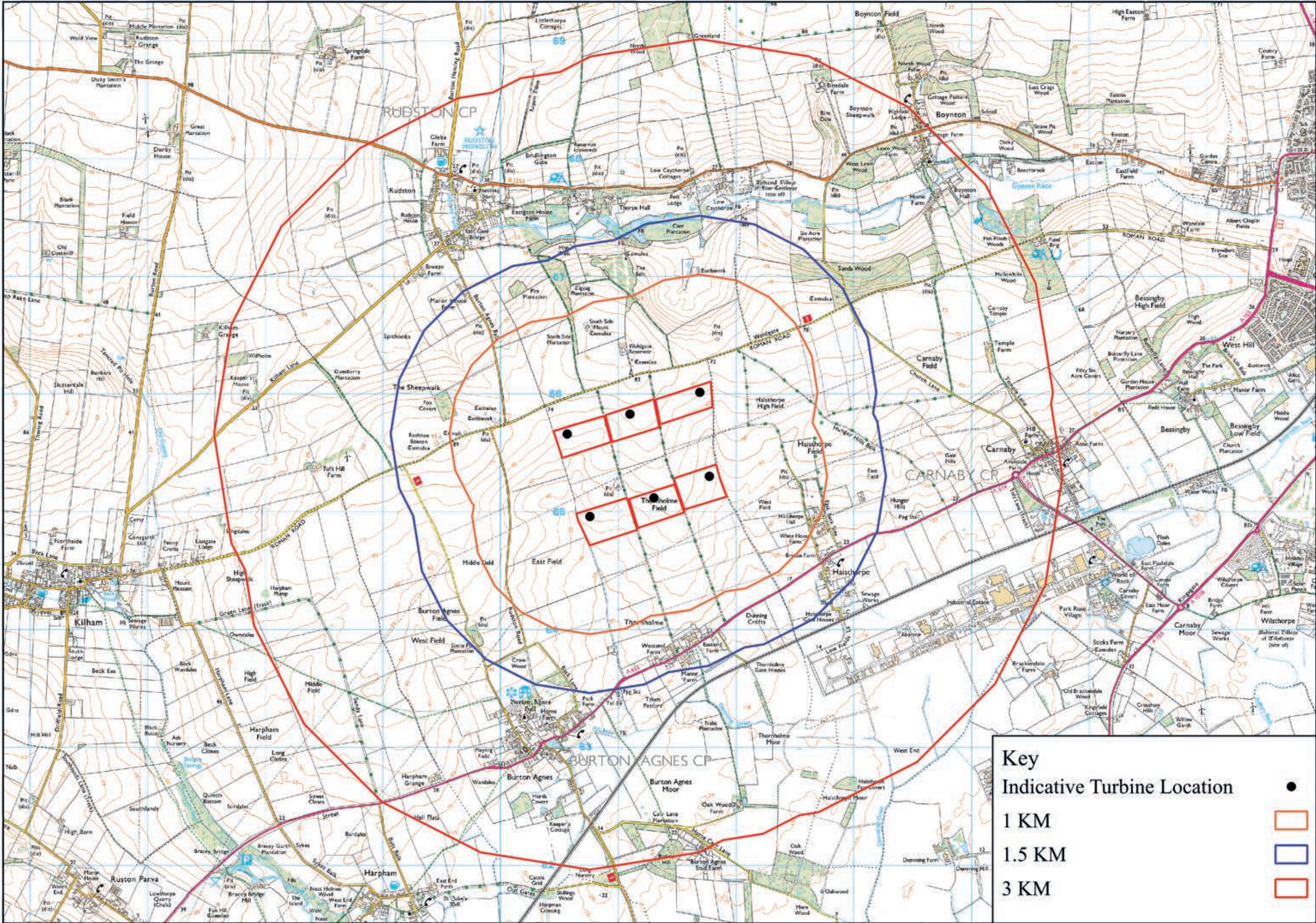
The Local Energy Discount Scheme (LEDS) offers local residents a direct financial benefit from the proposed Three Oaks Renewable Energy Park Extension.

The benefit takes the form of an eligible annual discount on the electricity bills of residential properties located within close proximity to the site.

We propose an LED fund of over £100,000 annually to be distributed as follows:

- £1,500 per annum to households within 1km of a wind turbine.
- £750 per annum to households within 1.5km of a wind turbine (covering Thornholme and Haisthorpe).
- £150 per annum to households within 3km of a wind turbine (covering Burton Agnes, Rudston, parts of Boynton and Carnaby).

To be clear, this funding will be in addition to the funding we are committing to local community projects and initiatives.



© Crown copyright and database rights 2025 Ordnance Survey 0100031673

Three Oaks Renewable Energy Park Extension

Wind Energy



Wind Turbine Components



- 1 The nacelle contains the generator, cooling systems, part of the electrical control system and the yaw drive. The yaw drive rotates the whole nacelle to ensure the rotor is always pointing directly into the wind.
- 2 The 57.2m blades (each a single piece made of epoxy resin) angle into and out of the wind in response to variations in wind speed to optimise energy capture.
- 3 The tower is constructed from sections of welded rolled steel. The height from the bottom of the tower to the middle of the rotor is called the hub height. For the chosen Vestas V117 - 4.2 MW turbine this is 91.4m.
- 4 Electrical and telecommunication cables pass down the centre of the tower to an internal transformer housed either within the tower of the turbine or externally at the base.
- 5 Access would be required to the base of each wind turbine for component delivery and operational maintenance. A hardstanding (30X62.5m) is located at the base to provide a suitable crane foundation during construction.

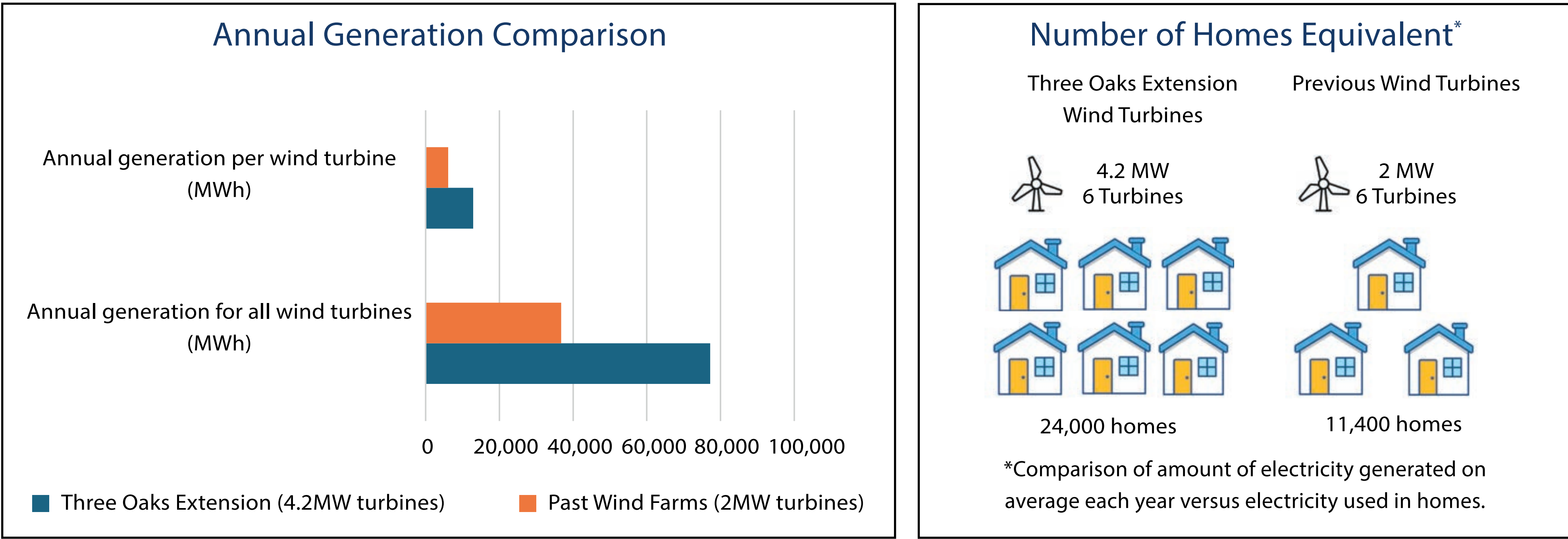
Where does electricity go?

Electricity is exported from each wind turbine via an underground cable to the switchgear and substation kiosk, adjacent to the battery units, before being transformed up to 66kV for connection into the grid.



How do modern wind turbines compare to earlier models?

Wind turbines today are significantly more productive compared to models of the past and the energy generated from a single wind turbine can provide enough electricity for at least 4,000 homes annually.

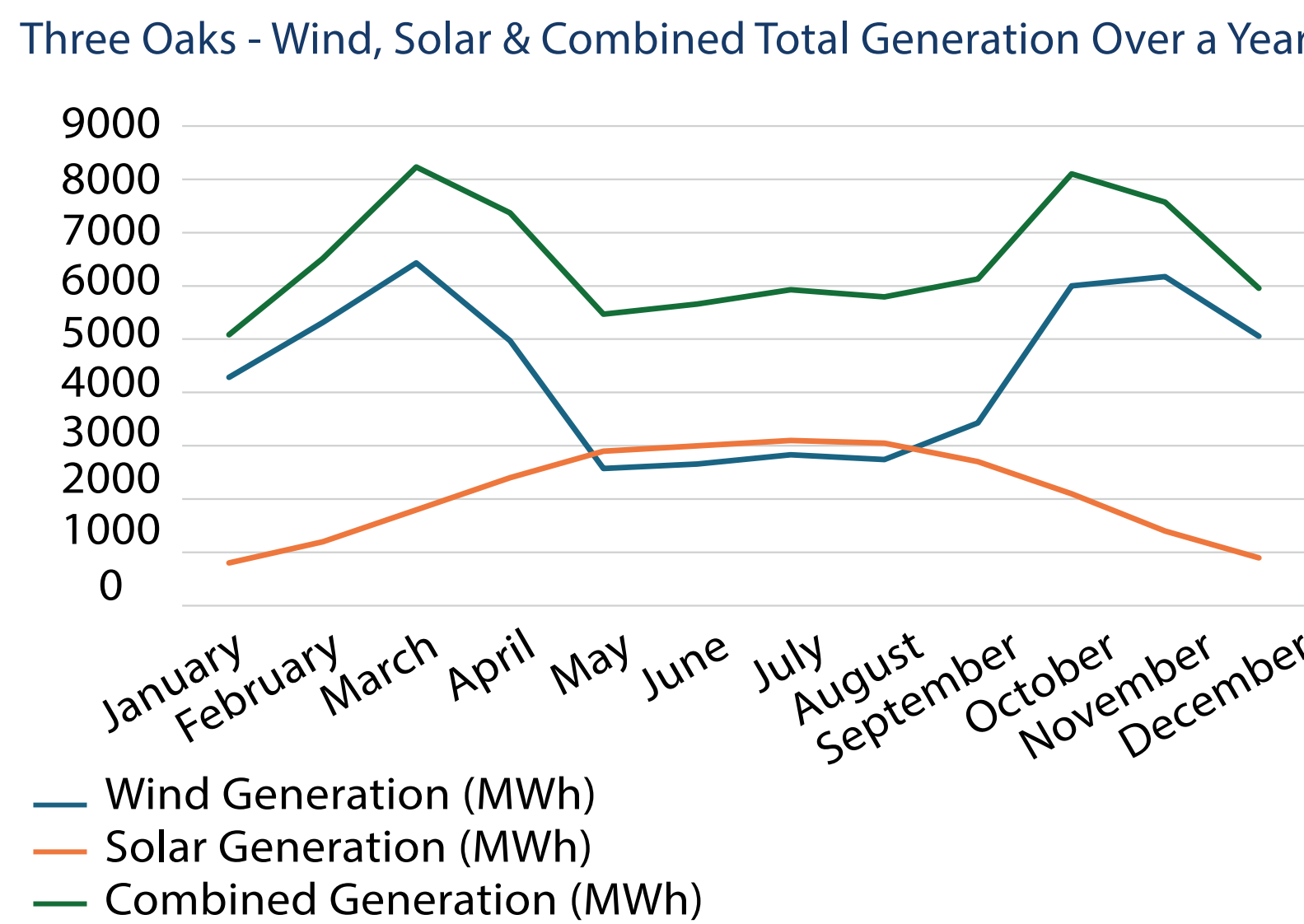


How do wind turbines compare to solar PV panels?

A 4.2 MW wind turbine (as is proposed here) would generate, on average, approximately three times more electricity than the equivalent 4.2 MW of solar. A single 4.2 MW wind turbine requires approximately 0.6 hectares of land (foundation, crane, hardstanding and site track), whereas 4.2 MW of solar would require more than 4 hectares of land. However, the ideal solution is to combine both to maximise annual electricity production levels and make the most efficient use of the grid.

Do wind turbines and solar PV panels complement each other?

Wind and solar energy work well together, and co-located developments are likely to become ever more commonplace across the UK and beyond. Weather forecasting has improved drastically in recent years, so much so that National Grid are able to accurately forecast how much renewable energy is going to be produced and can therefore tailor 'dispatchable' generation accordingly.



During winter months, windy weather is more frequent when the power from the sun is lower. During summer months, the sun's power is stronger and we often find calmer days with lower wind speed. Together, these generation technologies complement each other very well, as shown in the chart above.

There may be occasions when generation across the network exceeds demand. Rather than curtailing (limiting) the amount of generation, the electricity can be stored in the battery units on site.

