

Speedwell Solar Farm

SUMMER 2023

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Dear Resident,

We are developing plans for Speedwell Solar Farm in Gwinear, 3km (1.9 miles) east of Hayle. The site, which is approximately 79ha (195 acres), is 300 metres south of the Hayle-Cambourne railway line.

We estimate the site has potential for an export capacity of up to 40MW, which is equivalent to the needs of around 12,000 homes.*

We invite you to attend our events in-person and online to help shape the plans, and to maximise the opportunities for benefits the project can bring. You will be able to view all information displayed on the project website from 27th June.

We hope you will come along to find out more, chat with members of the project team and share your thoughts on our emerging plans.

With best wishes,
Tim MacKellar
Project Manager



speedwell-solar.co.uk



Phone the project
hotline:
0800 772 0668



[UKProjects@
statkraft.com](mailto:UKProjects@statkraft.com)

Have your say

We welcome your thoughts on our emerging plans by:
Friday 14th July 2023



FIND OUT MORE:

COMMUNITY EVENTS



**Tuesday 27th June
4pm to 8pm**

Gwinear-Gwithian Parish
Hall, Copper Meadows,
Reawla, Gwinear, TR27 5FN

**Wednesday 28th June
2pm to 5pm**

Hall for Gwinear,
71 Churchtown, Gwinear,
Hayle, TR27 5JL

If you require assistance to attend, please do not hesitate to contact us.

We look forward to welcoming you.

COMMUNITY WEBINAR



**Wednesday 5th July
from 7pm to 9pm**
on Zoom.

For this event, please register by using the email or phone number provided.

The information presented at the webinar will be the same as at the community events.

Why Solar Energy?

Solar power is a crucial technology to help overcome our energy security and climate challenges. Cornwall has high solar radiance levels, making it a great location for solar farms and helping to reduce our reliance on fossil fuels.

The cost of solar has significantly reduced in recent years, it is now one of the cheapest ways to produce electricity.* 2022 was a record-breaking year for renewable energy in the UK; solar power can produce as much as 30% of UK electricity at different points in the year.**

Solar farms can also be wildlife havens, by incorporating wildflower meadows, restoration of hedgerows, and native planting. The first results of a national survey produced with Lancaster University** highlight the valuable biodiversity benefits from solar farms across the UK.

Community

Community Benefit Fund:

The project will deliver an ongoing fund for the benefit of the local community of £8,000 per year. This could include initiatives which support the transition to renewable energy and help to reduce fuel poverty.

Gwinear Primary School opportunities:

Due to the site location, there is potential to deliver a new car park and biodiversity area for the school as part of the proposals.

About Statkraft

Statkraft is a leading renewables developer internationally and Europe's largest generator of renewable energy. Our acquisition of Solarcentury in 2020 has strengthened our skills and experience to deliver quality solar projects to renew the way the world is powered.

We are fully committed to consulting with the community, and feedback will be taken into account where possible through the design of the project. We look forward to sharing our plans with you.

We also take our responsibility to local communities very seriously. We will be delivering a biodiversity area and school car park and look forward to working with the community to support more local projects – we welcome your suggestions.

*www.carbonbrief.org **www.solarenergyuk.org

Project summary



40mw

Export capacity



12,000

Estimated homes powered



£320k

Community Benefit Fund over project lifetime



Benefit for Local School

Providing a biodiversity area and new car park for Gwinear Primary School

Helping Bumblebees Thrive

Solar projects have the potential to provide an ideal environment for bee habitats because they can support a range of attractive microhabitats.

The variety of dry and wet and shaded and sunny areas, if properly planted and managed, can encourage a wide variety of wildlife.

That is why we are working closely with the experts at the Bumblebee Conservation Trust to develop solar farms which enhance, restore, and create bumblebee habitats.

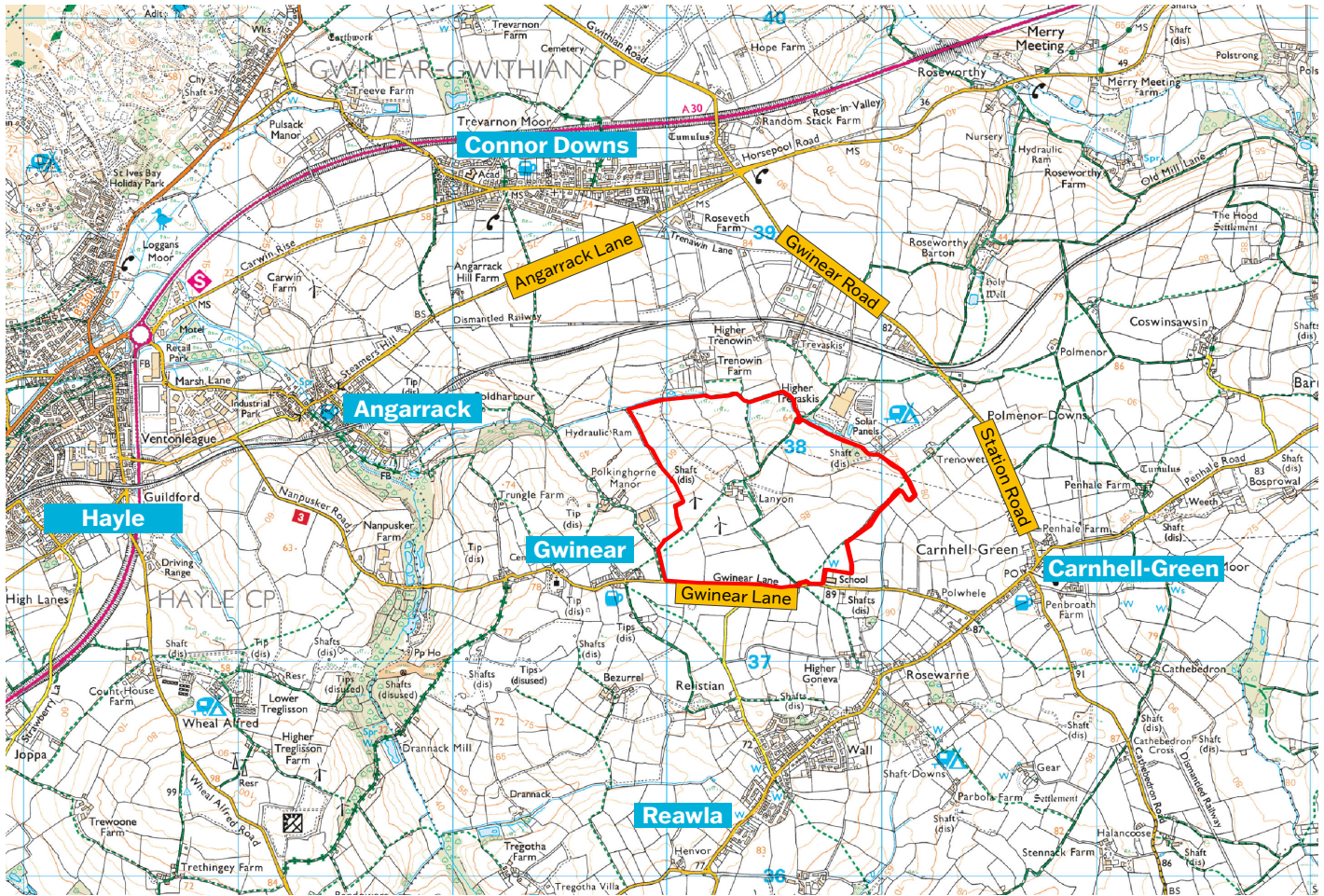
The Bumblebee Conservation Trust provides feedback on habitat, plant species and ground preparation techniques that enable bumblebees to thrive.



Bumblebee
Conservation
Trust

Business Member 2022/23

Site Layout Plan



— Site Boundary

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Site Summary



Panels

The solar panels will be anchored into the ground. Panels will be a maximum of 3m from the ground. The framework supporting them will be made of aluminium or steel.

They will be connected to each other and the substation via underground cables.



Project Lifecycle

The lifespan of the solar farm is expected to be 40 years. Construction includes three weeks of delivery followed by 6-9 months of construction activity onsite.

At the end of the project, the site will be decommissioned, however the car park and any other provision for the school will remain in perpetuity.

Anticipated Next Steps

Summer 2023

Community consultation on application.

Summer/Autumn

Submission of Planning Application to Cornwall Council, followed by the Council’s statutory consultation.

Early 2024

Anticipated decision by Cornwall Council.

Community

We are committed to working closely with the local community to bring long term value and deliver a project that can be considered a local asset.

We want to hear what you think to help us shape the plans and explore options to maximise opportunities and benefits. Visit our community events to speak to a member of the projects team, find out more and let us know your thoughts.

We also want to hear your ideas for the Community Benefit Fund and if there are other benefits you would like us to consider providing as part of this project.

We want to hear from you!

Contact us:



speedwell-solar.co.uk



Phone the project hotline:
0800 772 0668



UKProjects@statkraft.com

Meet the Project Manager

Tim MacKellar is supported by a team of specialists who can receive your feedback and answer questions.

Please visit our webpage to find out more:
speedwell-solar.co.uk



Please return the freepost reply card provided

London

19th Floor
22 Bishopsgate
London
EC2N 4BQ

Cardiff

Brunel House
2 Fitzalan Road
Cardiff
CF24 0EB

Glasgow

The Garment Factory
10 Montrose Street
Glasgow
G1 1RE