

Alleston Solar Farm

NOVEMBER/DECEMBER 2023

PAGE 1

Dear Resident,

Statkraft is developing plans for a new solar farm between Lamphey and Pembroke. Alleston Solar Farm will be approximately 100ha (247 acres) and is close to the Pembroke Dock-Carmarthen railway line.

We believe the site has potential for capacity of up to 49MW, which is equivalent to the needs of around 15,000 homes every year.*

As part of our early engagement, we will be holding community events in Lamphey and Pembroke Dock on 29 and 30 November 2023. We invite you to come along to find out more, chat with members of the project team and share your thoughts on our emerging plans.

Feedback from the early engagement, along with the results of a range of site investigations and surveys, will help us refine our proposals, which we will share with you during the statutory consultation next year. We are also looking for feedback on biodiversity improvements for the site and ideas for how we can maximise the benefits to the local community.

We look forward to hearing your initial thoughts and working with you as the project develops.

With best wishes,

Gui Zandomeneghi and Consuela Beauchamp-Davies
Principal Project Manager and Project Developer UK

* Based on Welsh average household consumption of 3,325kWh per year (BEIS, Dec 2022)

Have your say

We welcome your thoughts on our emerging plans by:



Completing the form on the webpage:
alleston-solar.co.uk



Calling:
0800 772 0668



Emailing:
UKProjects@statkraft.com

We welcome feedback by **15 December 2023**. Feedback after this time will be responded to but may not be included in our Consultation Report.

FIND OUT MORE:

COMMUNITY EVENTS



Wednesday 29 November
from 2pm to 7pm
at Lamphey Jubilee Hall,
SA71 5NR

Thursday 30 November
from 10am to 2pm
at Pennar Community Hall,
Pembroke Dock, SA72 6SH

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

We look forward to welcoming you.

All the information displayed at the exhibitions will be available on the project website from 29 November 2023.



The proposals



SOLAR PANELS: These 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.



GRID CONNECTION: An onsite grid connection, means no additional cables outside the site boundary.



PROJECT LIFECYCLE: Alleston Solar Farm has an expected lifetime of 40 years. At the end of the project, the solar farm will be decommissioned and the land can be returned to agricultural use.



CONSTRUCTION: If consented, construction of the development will take approximately 6 to 9 months.

Project summary



49 MW
Up to 49MW estimated capacity



15,000
Approximately 15,000 estimated homes powered*



COMMUNITY BENEFIT FUND
Across project lifetime



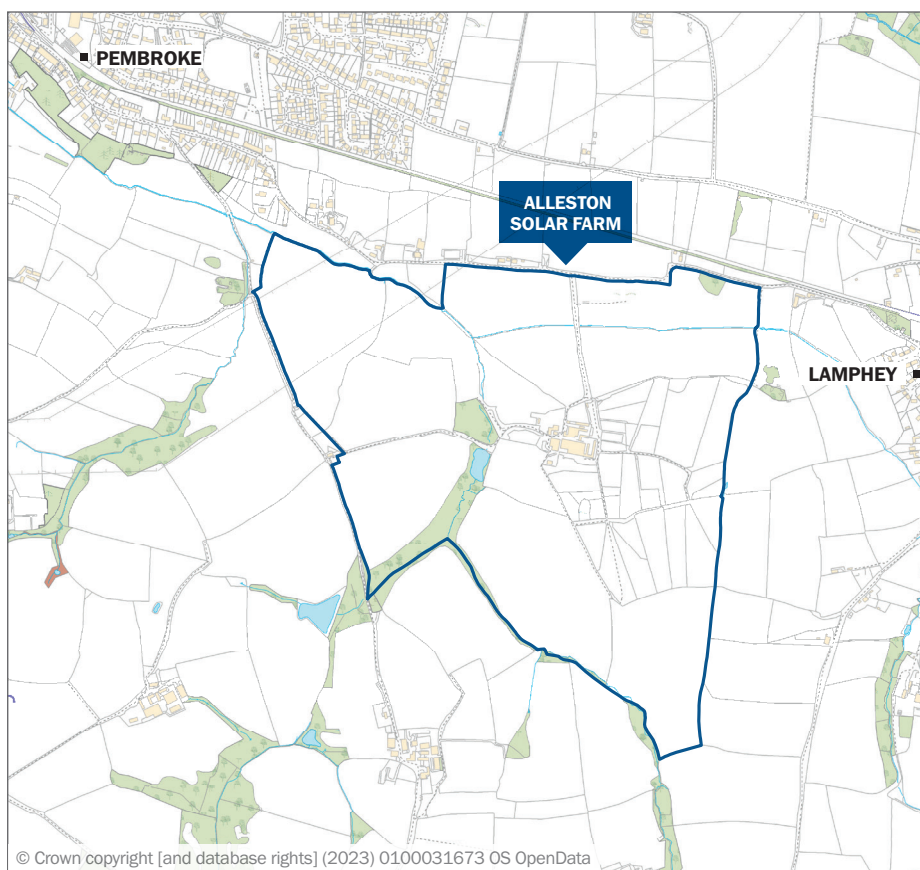
GRID CONNECTION
Local grid connection on site

* Based on Welsh average household consumption of 3,325kWh per year (BEIS, Dec 2022)


Why this site


- High solar irradiance levels to maximise efficient electricity production.
- On site grid connection.
- Low flood risk.

Site location plan



ALLESTON SOLAR FARM: SITE LOCATION PLAN LEGEND

 Site Boundary



Environmental consideration

Early site investigations have started and Statkraft has submitted a scoping request to Planning and Environment Decisions Wales (PEDW) to ensure the appropriate environmental studies are carried out as the proposals are developed.

These studies will also help identify opportunities for biodiversity enhancement and improvements to be delivered as part of the development.

A copy of the scoping request is available to view at alleston-solar.co.uk.

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 to encourage a variety of wildlife.

That is why we are working closely with the experts at the Bumblebee Conservation Trust to develop solar farms that enhance, restore and create bumblebee habitats, which are currently very limited on-site due to intensive agriculture.

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



Business Member 2023/24



Why solar energy

Solar power is a crucial technology to help overcome our energy security and climate challenges. If consented, Alleston Solar Farm would contribute to the delivery of the UK, Welsh Government and Pembrokeshire County Council policy objectives, diversify the energy mix, and facilitate the transition to low carbon energy, whilst decreasing the dependency on fossil fuels.

The cost of solar has significantly reduced in recent years and 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.

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

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.

Operating in the UK since 2006 and with offices in Cardiff and Aberystwyth, we have 40 projects in operation or in development across the UK, including Alltwalis Wind Farm in Carmarthenshire and Rheidol Hydropower Plant near Aberystwyth. We are also currently developing proposals for a green energy hub to produce green hydrogen in Trecwn, north Pembrokeshire.

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.

www.statkraft.co.uk

Planning process

As Alleston Solar Farm will have an installed generating capacity of more than 10MW of electricity it is defined as a Development of National Significance (DNS). This means the planning application will be submitted to Planning Environment Decisions Wales (PEDW) and considered by an Inspector, with the final decision made by Welsh Ministers.

INDICATIVE TIMELINE

Autumn/Winter 2023

Early engagement community consultation on application and scoping submission.

Winter 2023

Site investigations and studies to inform the final proposals.

Spring 2024

Statutory community consultation on application.

Summer 2024

Submission of Planning Application to Planning and Environmental Decisions Wales (PEDW).

Winter 2024/25

Anticipated recommendation by PEDW and decision by Welsh Ministers.

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.

Community Benefit Fund

A community benefit fund will be delivered on an ongoing basis throughout the lifetime of the project.

This could be used to benefit local projects and initiatives including education, energy efficiency, environmental improvements and improved community facilities.

We want to hear your views on what else we could do to support the local area. If you have an idea of how we can support your local community, please don't hesitate to get in touch.

We want to hear from you!

Meet the Project Leaders



Gui Zandomeneghi and Consuela Beauchamp-Davies are supported by a team of specialists who can receive your feedback and answer questions.

Please visit our webpage to find out more:

alleston-solar.co.uk

Contact us:

Cardiff

Brunel House,
2 Fitzalan Road,
Cardiff, CF24 0EB

London

19th Floor
22 Bishopsgate
London EC2N 4BQ

Glasgow

1 West Regent Street
Glasgow G2 1RW



Webpage: **alleston-solar.co.uk**



Emailing:
UKProjects@statkraft.com



Phone the
project hotline:
0800 772 0668



Please return the freepost
reply card provided

You can find out more about our projects and the way we work at **www.statkraft.co.uk**