

About Novus

Novus Renewable Services is a leading UK solar PV and energy storage development company. We are working in partnership with Innova Group who will build, own and operate the solar and energy storage installation. We have been active in the development of solar projects since 2010 and our team have extensive experience delivering and operating renewable energy projects around the United Kingdom.



OUR COMMUNITY PROMISE

Every year the the project will contribute*



£250

To the local community

£100

Charitable donation

per MWp of solar installed

*and £50 per MW energy storage installed to the local community and £20 charitable donation

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FROCESTER ESTATE SOLAR & STORAGE PROJECT

COMMUNITY CONSULTATION EVENT

Frocester Cricket Club Pavillion, Frocester, Stonehouse, GL10 3TW

Tuesday 29th November from 3pm - 7pm

Novus Renewable Services are working on a proposal for a solar and energy storage development on land at Frocester Estate, to the south of Eastington and bordering the M5 Motorway to the west. We are working in partnership with Innova Group who will operate the development once constructed. This proposal will be connected into the local electricity network and has potential to be used by local homes and businesses, with an output power of 49.9MW (Megawatts).

The site areas shown overleaf have been carefully selected and designed during a detailed assessment process considering grid availability, solar irradiance, access, landscape, agricultural quality, ecology, heritage, and environmental designations. We are now undertaking a number of site-specific environmental assessments to shape the design.

The UK has committed to becoming Net Zero by 2050 and a target to decarbonise the electricity grid by 2035 requiring an extra 3GW of solar a year to achieve. Stroud District Council declared a Climate Emergency in 2018 and solar developments like Frocester Estate are a key part of addressing the Climate Emergency.

An important part of the development process and design of the proposed renewable development is to engage with the local community. We are therefore hosting a drop-in event for residents to learn more about this renewable energy project, ask a member of the Novus team questions and provide feedback.

Anyone unable to attend can find further information by emailing info@novus-rs.co.uk. Project details can be found at novus-rs.co.uk/projects/frocester-estate-solar-farm



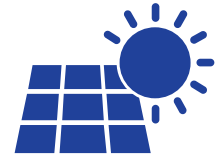
11,000

TONNES CO₂ SAVED ANNUALLY



12,200

HOMES EQUIVALENT



49.9MW

SOLAR AND 40MW STORAGE

The Site

We are proposing a solar and energy storage development on land at Frocester Estate, to the south of Eastington and bordering the M5 Motorway to the west.

We have received pre-application advice from Stroud District Council which will further inform the forthcoming planning application, which is due to be submitted in late spring 2023. If approved, the project would be operational for a period of 40 years producing clean electricity, needing only occasional maintenance, whilst the land can continue to be used for grazing. At the end of the 40 years, the development will be dismantled and the site restored to agricultural use.

As well as providing green electricity, enhancements to the site will contribute to a significant Biodiversity Net Gain whilst also improving soil condition and fertility.



Site Selection Process

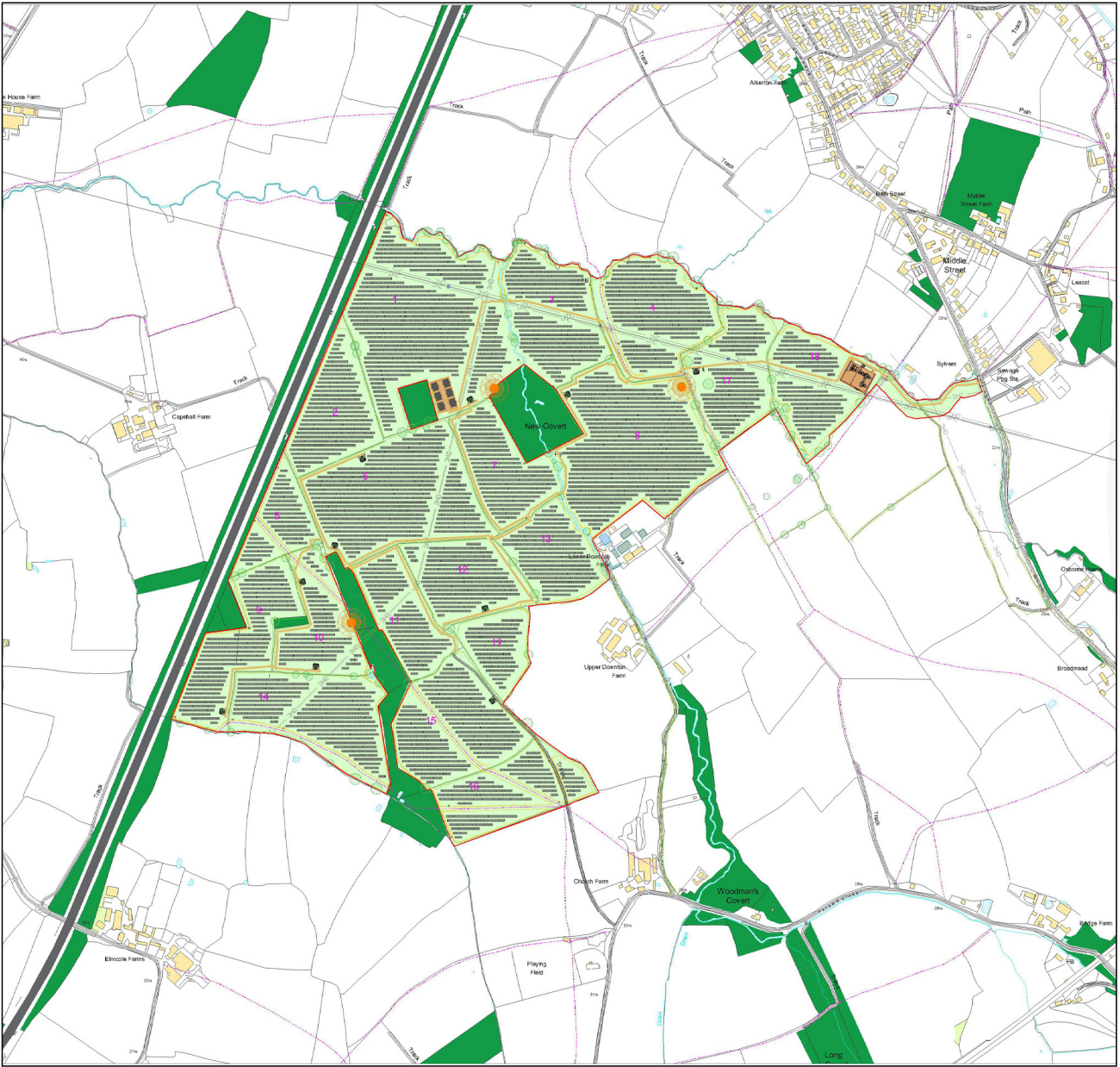
The site has been selected following a thorough site search exercise which considered land availability within proximity to the grid connection, which is located on-site. The development design has been informed by a detailed assessment process. This has considered solar irradiance, heritage and archaeology, landscape and visual amenity, ecology, environmental designations, access, and agricultural land quality.

The development area is identified as having the lowest landscape sensitivity for large solar farms within Stroud District Council's Renewable Energy Resources Assessment.

The site benefits from existing tree and hedgerow lined field boundaries, which provide a considerable amount of screening from potential views. The development has been focused towards the M5 motorway and away from Bath Road to reduce local views and increase the distance from The Cotswolds AONB.

Access

Access is proposed through an existing field access on Bath Road. During construction, a traffic management plan will be put in place. Once constructed, the site will require very little maintenance with visits being made by a regular vehicle on an approximately monthly basis.



Energy Storage

The proposal includes for a containerised battery energy storage system. This allows the development to store electricity generated from the solar panels and deploy it to the grid at times of peak demand. Energy storage is critical to the resilience of the National Grid, increasing renewables and reducing gas usage.



Boosting Biodiversity

A site-specific biodiversity strategy is being developed to ensure that the existing habitats are enhanced whilst new habitats are created to further enhance local wildlife and interconnectivity.



Rights of Way

Access will be retained to the public right of ways that cross the site and opportunities to enhance access opportunities are being explored. Where appropriate, existing routes will be supplemented with additional planting to provide screening.



Land Use

The proposal seeks to utilise the available and most suitable land as effectively as possible. The design includes spaces around the site boundaries and between the rows of panels to avoid shading and maximise renewable energy generation. This will retain a large proportion of the site as uncovered grassland which can also be used for sheep grazing.



Landscape Enhancements

The site benefits from existing tree and hedgerow lined field boundaries, which provide screening from potential views. We will submit a detailed planting plan in the planning application, which will concentrate on further screening of the proposals from the surrounding area through native vegetation planting.

