

Lower Bodarcha Solar and Storage

Stage Two Community Consultation Event

Wednesday 13th March 2024 / 3:30pm - 8pm

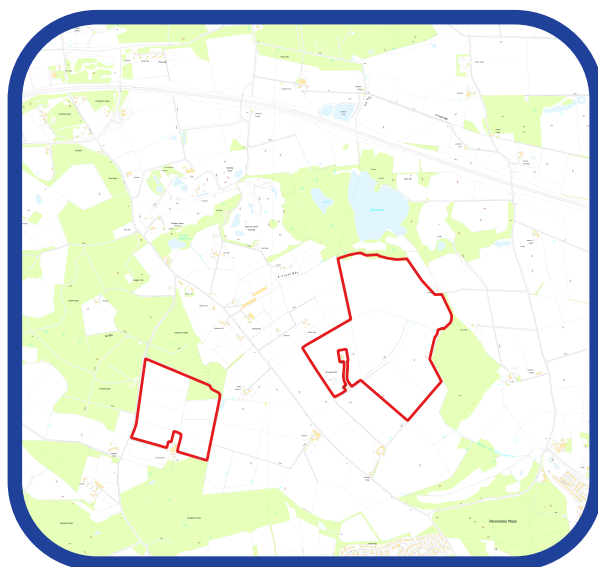
Oldmachar Church, Ashwood Park, Bridge of Don, Aberdeen AB22 8PR.

Innova are planning to develop, construct and operate a new solar and Energy Storage System (ESS) development located on Lower Bodachra Farm and Perwinnes Farm in Dyce, Aberdeen. The site will have the ability to generate up to 72 MW of solar energy and store 45MW through the ESS. This solar generation is enough to power 23,800 homes which equates to 19.5% of all homes in Aberdeen City Council. The project will also prevent 14,200 tonnes of carbon dioxide being emitted each year throughout its 40-year lifespan.

We invite you to our second community consultation event for this project where we will display and explain our updated plans for the project and gather your feedback. We pride ourselves

on working with local communities to deliver high-quality developments to ensure those living closest to our projects see the benefits.

If you are unable to attend, you can request further information by emailing info@innova.co.uk.



Project information is also available on our website:

www.innova.co.uk/projects/lower-bodachra-solar-and-storage/

72MW Solar
45MW ESS



Energy capacity

14,200 tonnes



approx. carbon saved
per year

23,800



approx. home equivalent

Lower Bodachra Solar and Storage Proposal

The Site

We are proposing to develop a new solar farm with a total capacity of approximately 72MW and energy storage with a capacity of approximately 45MW. The site is split between two parcels of land; Lower Bodachra Farm and Perwinnes Farm which are located approximately 3.3km to the north-east of Dyce.

Innova held the initial consultation event on the 25th October 2023 where feedback was obtained from the local community. We have also had several meetings and pre-application advice from Aberdeen City Council. Following the feedback, we have incorporated these amendments in to the design.

- Tree belts around various boundaries of the site to limit views of the site and increase biodiversity.
- The energy storage is a minimum of 20m from the existing woodlands.
- The fence line has been offset to allow people to walk around the edge of the sites
- A new construction access to reduce the number of properties the construction vehicles will drive past.

Innova are currently working with a local technology provider corporation based in Aberdeen and are exploring whether using their battery technology which is lithium and cobalt free, uses non-toxic readily available materials that are 99% recyclable.

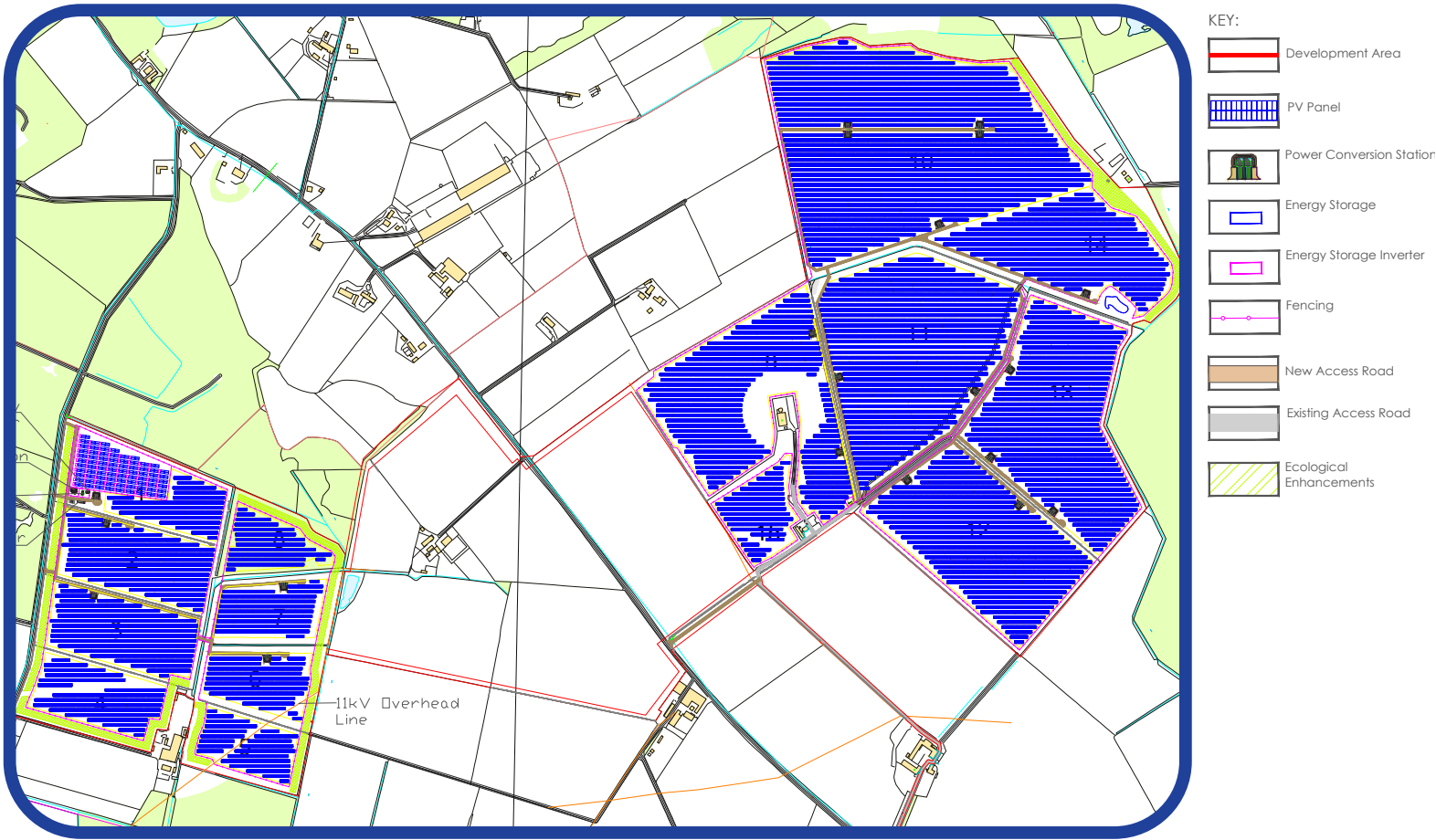
The site will connect in to Dyce GSP via an underground cable where the electricity will be exported on to the local network.

Noise

A full Noise Impact Assessment is currently underway and its details will be given at this second consultation event. It is a requirement of Aberdeen City Council (ACC) that the noise from the site does not increase the background noise at any residential property. We have obtained actual background noise for four locations, agreed with ACC, around the site for a minimum of 6 days and nights.

Biodiversity Net Gain

Biodiversity Net Gain (BNG) will be delivered on-site through planting along the site boundaries and other appropriate areas. BNG is a strategy to develop land and contribute to the recovery of nature. It is a way of making sure the habitat for wildlife is in a better state than it was before development. The planting plan is currently being established and a BNG calculation will form part of the planning application.



Access

It is proposed that construction vehicles will access the site traveling from the A90, on to the B977 and finally onto B997. The application will be supported by a Construction Traffic Management Plan, which will ensure suitable accesses are provided. During operation, the site will only be visited 1-2 times per month by a LGV or 4x4.

Lifecycle

The site will take approximately 16 weeks to construct. The development will operate for 40 years upon which it will then be decommissioned, recycled and the land returned to its original condition.

Frequently Asked Questions

Do we need renewable energy developments?

The UK has a legally binding target to achieve Net Zero by 2050 and has committed to fully decarbonising the electricity network by 2035. Aberdeen City Council is aiming to be net-zero by 2045 at the latest. The Scottish Government has an ambition to deliver at least 20 Gigawatts of additional low cost renewable electricity capacity by 2030. There will be a significant increase in demand for electricity in the coming years as more sectors (such as cars, heating, haulage and trains) rely more extensively on electricity as a fuel source. Solar is readily deployable at very large scales, one of the cheapest forms of renewable electricity generation, can be sited above biodiversity enhancements such as wildflower meadows, and can be done in unison with farming. Energy Storage Systems are leading the way in balancing demand for electricity and providing flexibility to the supply of electricity in terms of where it can be stored on the network, and the times when it can be utilised.

Why do we need to develop here?

The Dyce substation has available capacity to allow this project to be connected and the land is available for development with an engaged landowner. The selected site benefits from existing tree and hedgerow planting at field boundaries, which provides a significant established screening from potential views. Additional planting is proposed to enhance the existing hedgerows and tree belts, to effectively screen the site, whilst adding to the green infrastructure of the local area.

Will you be able to see the site?

A Landscape and Visual Assessment has been carried out. Following this and consultation with the local community, a landscape planting plan has been put in place to screen the site by use of tree and shrub planting. Viewpoints from the surrounding area have been selected to show how the site will appear from the locations marked on the attached plan. This will be available online and at the upcoming Community Consultation event.

How will this affect the local wildlife?

Extensive ecology surveys have been carried out which have found the presence of minimal wildlife on site. Where species have been identified, suitable buffers have been put in place as to not disturb the existing wildlife.

About Innova

Innova is a forward-thinking renewable energy business, employing over 120 people across two offices in London and Cheltenham. Innova's long-term mission is to create utility-scale renewable energy projects using multi-technologies that take large energy intensive users off-grid, positively improving the environment, and benefiting local businesses and communities.



OUR COMMUNITY PROMISE

Every year the project will contribute:

£50

To the local
community

£20

Charitable
donation



£250

To the local
community

£100

Charitable
donation

per MW of
storage installed

per MW of solar
installed



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