

PARC CYNOG SOLAR FARM



**Construction to commence later this month
January 2016**



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In the Spring of 2015, Vattenfall started to explore the solar potential of a piece of land at Castle Lloyd Farm. Thorough research was undertaken and numerous surveys completed, resulting in the submission of a planning application to Carmarthenshire County Council in August 2015. Planning permission was granted in November 2015. Construction of the 4.99MW solar array at Parc Cynog will commence later this month by contractor Grupotec Renewables Ltd.

Once fully operational Parc Cynog Solar Farm is expected to produce sufficient electricity to power up to 1441 homes* per annum during its lifespan of 30 years.

Vattenfall will own and operate the project, employing Grupotec Renewables Ltd to carry out the operations and maintenance of the project for the first two years. Following this period companies will be invited to tender for the operations and maintenance contract.

The project will be situated in one field at Castle Lloyd Farm which already contains one of the turbines of the existing Parc Cynog Wind Farm and the project will share the grid connection already utilised by the wind farm. Combining both wind and solar on one grid connection is a first for Vattenfall.

(*The solar farm will produce approximately 5,500,000 kWh/year. The average domestic consumption within Wales, based upon the latest data, is 3,736 kWh per annum (DECC, 2013) therefore the solar farm will provide sufficient electricity to power up to 1,472 homes; the Carmarthenshire domestic average is slightly higher than the Welsh average at 3,815 kWh per annum therefore, based upon the Carmarthenshire average, the site would generate sufficient electricity to power up to 1,441 homes.)



Timescales:

The project will take around 8 weeks to construct. During this period around 50 Heavy Goods Vehicles (HGVs) will travel to site to deliver the PV panels, frames and some of the larger electrical components. These vehicles will mainly carry the panels themselves, with most of the other equipment delivered using standard vehicles, such as vans or cars.

Mid to Late January

Construction team mobilises to site and sets up their welfare unit. Civil works commence, including access tracks, trenching, cabling,

Mid February to Late March

Panel installation commences. The panels will be ground mounted on poles which are driven into the ground. Some of these poles may need to be concreted into place, depending on the depth of the soil. This time frame will also see the installation of the transformers and perimeter fencing.

End of March

Project energisation, completion and remedial works.

Please see the map of the location and photomontage of what the project will look like once constructed.

Once the project is completed, sheep farming is expected to continue. Hedgerow improvement works have been planned to attract further birds, mammals and insects to the area.



Location



During the construction process, Heavy Goods Vehicles (HGVs) will enter the site from the west via Red Roses.

Photomontage

Existing View



Proposed View



EXPLORING THE BENEFITS



Following our first mail out in Summer 2015, a number of organisations got in touch about community solar panels. We will be making arrangements to carry out feasibility studies on these buildings. In the meantime if you are a member of a local group or organisation who is interested please email parccynogsolar@vattenfall.com

Get in touch



JOIN US FOR A SITE VISIT



If you are interested in seeing the construction process with your own eyes or would like a tour once the project is complete, please get in touch and we would be happy to welcome you.

Join us



Contact: Emily Faull, Media and Public Relations Officer

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