



What we do

We are at the heart of Wales' renewables revolution, delivering considered, community supported projects that not only help to tackle the climate crisis, but also deliver tangible benefits for local communities. To date we've contributed over £21m to Welsh community funds.

We develop, construct, own and operate our projects, meaning we're in it for the long haul and will be with you every step of the way.



Who are RWE?

RWE are Wales' largest energy generator with offices in Port of Mostyn, Dolgarrog and Baglan. We employ over 350 people, with over 100 apprentices enrolled on our renewable energy technician training programme as part of our focus on local employment creation.



FAQs

Why solar?

The UK Government is committed to achieving energy security, combatting rising living costs and the climate crisis. As solar represents one of the cheapest, most readily deployable clean energy sources available, it is a vital tool to making these goals a reality. Along with this, around 90% of the public support solar farms according to numerous nationwide polls.

Is solar expensive?

Not at all. Currently, large scale solar is one of the cheapest sources of electricity (2x cheaper than nuclear and up to 4x cheaper than gas generation), helping to tackle both the climate and cost of living crises.

Will there be a benefit to the local community?

Working in partnership with local communities to unlock a project's full potential is at the heart of what we do. We work with local people to shape the future of our projects and to ensure the benefits of solar energy developments are realised in a way that positively impacts local communities.

We invest in significant green infrastructure on each of our sites. This includes improving existing footpaths (by widening/surfacing them), new native tree/hedge planting, community orchards, outdoor classrooms and picnic areas. We also provide a community benefit fund of up to £1.5m to fund

local projects/initiatives such as community gardens, gardens, rooftop solar for communal buildings (halls/schools/churches), school playgrounds, local cycle paths, or energy saving measures for residents.

Why are most solar farms built on agricultural land?

Being one of the cheapest forms of energy generation available, solar farms are crucial to tackling both the climate and cost of living crises. Just 0.3% of the UK's land would need to be used for solar farms to hit the UK's renewable energy targets, less than what is used for golf courses.

Many farms are going out of business due to extreme weather patterns induced by the climate emergency. This results in year upon year of poor yields, and many face the daunting decision as to whether to keep going. Solar farms allow farmers to diversify and continue to produce food, as 95% of the land within a solar farm can still be used for sheep/chicken grazing. The financial security from the solar can, in turn, keep the farm going for generations to come.



To help answer any questions you may have about our proposals, please see our frequently asked questions section on the project website or get in touch:

Website: uk.rwe.com/craigyperthi
Email: info@craigyperthisolarfarm.co.uk

Craig Y Perthi Solar



Unlocking enough domestic renewable energy to meet the equivalent needs of over **42,077 Welsh homes per annum.**

Our proposals



The displacement of over **2.7 million tonnes** of CO2 compared to fossil fuel generation, the same as planting over 46 million trees.



50%+ biodiversity net gain through the creation of extensive new habitats, such as 106 acres of new wildflower meadow, over 11km of new native tree/hedge planting, bat/bird boxes and beehives.



Over 3km of new permissive footpaths linked to accessible wildflower meadows, a new community orchard/green, and an outdoor educational space.



Our plans have been shaped by the previous submission, with considerable improvements made including a reduction in size from 590 to 484 acres alongside an increase in lapwing nesting land from 30 to 40 acres.



Genuine benefits for local residents, including a community benefit fund of **£1.5m** to support local projects/initiatives.



Over £10 million generated in business rates over the lifetime of the project, to be used to fund vital local services in the area.



Over 95% of the site will be used for **sheep/chicken grazing** and remain in farming use, whilst allowing the soil to recover by increasing soil organic matter and improving the soil structure.



Battery storage elements removed from the plans, following public feedback.

Have Your Say

The consultation will run from **10th August - 21st September 2026** with consultation events held on:

Wednesday 19th August 2.30-7.30pm at **Langstone Village Hall, Langstone, NP18 2NP**

Thursday 20th August 1-6pm at **Llanwern Village Hall, Llanwern, NP18 2DW**

Monday 7th September 1-6pm at **Bishton Village Hall, Bishton, NP18 2DZ**

Tuesday 8th September 1-6pm at **Underwood Community Centre, Underwood, NP18 2HW**

Or you can visit our consultation website/get in touch:



Our website: uk.rwe.com/craigyperthi



Email: info@craigyperthisolarfarm.co.uk



Site Location



Proposed Masterplan



Removal of Fields

In line with community/stakeholder comments, panelling has been removed from the area around St Mary's Church and replaced with wildflower.



Tree Planting

We are now proposing over 11km of new native semi mature tree/hedge planting to screen views from Bishton and the surrounding area.



Buffer from Houses

A minimum buffer of 75m from houses has been applied to the design, to ensure panels are set further back from properties.

Wetland meadow creation

New wetland meadow to provide valuable habitat for aquatic invertebrates and equipped with picnic benches and informational boards, accessed by a new permissive path.



Removal of land within SSSI

In line with community/stakeholder comments, we took the decision to remove all land sited within the SSSI from the plans.



Lapwing Habitat

Over 40 acres of enhanced lapwing habitat in a strategically located area of the site most suitable for nesting.



Community Orchard

Introduction of a new community orchard, linked to Bishton by a new permissive path.



New Green Spaces

New accessible green spaces around Bishton with over 106 acres of new wildflower meadow, linked by PROWs and new permissive paths, opening up access to otherwise private land for recreational use.



Views from within

3-4m hedgerows, interspersed with semi-mature tree planting will help to screen views of panels.

LEGEND	
	Planning Red Line
	Underway Property
	Access Track
	Solar panels
	Solar panels subject to freeboard
	Deer Fence
	Existing Hedges
	Proposed Hedge Planting
	Grazing Grassland
	Wildflower (EM2) or similar enhanced with Shell Corridor Food Plants
	Wildflower (EM2) enhanced with Shell Corridor Food Plants
	Existing Woodland
	Nesting Bird Habitat
	Nesting Bird Habitat in SSSI (Secured via condition in S10R)
	Swamp Levels - Redwink and Underway SSSI
	Wetland Meadow (EM2) or similar
	Transformer Container
	Sparks Container
	Customer Switch Gear Container
	CCTV
	Access Gate
	Temporary Construction Compound
	Public Rights Of Way
	Permissive Path
	Native Tree Planting
	Orchard Tree Planting
	Substation
	132kV Cable Route
	Interim Drains
	Outdoor Classroom
	Picnic Bench
	Bird Box
	Bat Box
	Bee Hotel
	Information Board
	Reptile Habitat

RWE