



# Candwr Solar Farm

June 2026 update



## Project update

The Candwr Solar Farm project is a 46MW solar farm, connected via a private-wire connection to the Dŵr Cymru Welsh Water Treatment Works at Court Farm.

Dŵr Cymru Welsh Water will purchase all the generated electricity, some will be used directly in the Court Farm Water Treatment Works, with the rest being sleeved into their wider energy demand profile, enabling Dŵr Cymru Welsh Water to decarbonise their energy supply both at Court Farm and across their portfolio.

## Community benefit fund

To address certain comments on social media around community funding, we would like to make clear and re-iterate our commitment that a community benefit fund will be established and £46,000 per year (index linked) will be paid into that community benefit fund for the lifetime of the project, starting from the date the solar farm is energised. A community liaison group will be established to facilitate the management of this community benefit fund to ensure that all decisions made regarding the allocation of this fund are made by representatives of the local community and not by TotalEnergies or Dŵr Cymru Welsh Water.

## Solar panels

The solar panels will be arranged on piled structures, 2.85m high at their highest point (the rear edge), mounted into grass fields. The fields will be seeded with grass prior to the construction phase, re-seeded upon completion and a detailed landscape management plan that will include various planting for screening will be submitted with the planning application. The fields will continue to be grazed throughout the lifetime of the project.

The solar panels will utilise string inverters, mounted at the end of each row of panels, and will be connected into the water treatment works via underground cable and then into the grid using the existing pylons. There will be no new pylons, no new poles and no new overhead lines built at Candwr Solar Farm.

## Transport

We have been working hard on our transport plan over the past few months and are nearing a position where we can share it with the community councils, as we promised. We can confirm that the total number of vehicle movements will be less than 1,000 over the 12-to-18-month construction phase, including less than 250 deliveries via 16.5m articulated lorry. All vehicle movements in and around the solar farm will be made using tractors and trailers

## Contact

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## Flood mitigation

As previously reported, we have undertaken a detailed flood risk analysis. We understood and took seriously the concerns raised by residents at the non-statutory consultation in July 2025. It was made clear to us that the flooding events and occurrences in and around Ponthir are already dire, and we are mindful of the need to not exacerbate these events.

The heavy clay soils around the site were studied and infiltration testing was carried out early in January, as the ground thawed and became saturated – the worst conditions to work in, but the best conditions to evaluate the ‘worst-case scenario’.

Our detailed flood mitigation strategy will see the implementation of an extensive network of swales throughout our site that – along with careful maintenance to avoid ‘channelling’ between the rows of solar panels – will slow the rate of water runoff from the fields. Although we cannot reduce the volume of water falling on the site, we are confident these measures can slow the rate at which rainwater leaves the fields contained within our development.