



Welsh Government targets

The Welsh Government has acknowledged that there is a climate emergency and has committed to decarbonisation as a means of tackling the causes of climate change over the coming years. Generating renewable energy is a key part of that commitment and the Welsh Government has set ambitious targets for the generation of renewable energy including for **70% of electricity consumption to be generated from renewable by energy 2030.**

In January 2023, the Welsh Government announced that it would seek to increase these targets, **so that by 2035, 100% of energy generated will be through renewable means.**

Through the development and delivery of East Aberthaw Solar, we hope to provide a significant contribution towards these targets.

Security of supply

Solar power generated in the UK reduces the need to import electricity from abroad. This not only creates energy industry **jobs in the UK, but makes our energy supply and prices more** secure, since imported energy can vary in price as supply and demand changes.



Benefits



Biodiversity

It is important that the site is improved for nature and shows a biodiversity net gain, thus helping to protect and improve new and existing habitat. We are therefore creating a species rich haven for wildlife.



Sheep grazing

We work in partnership with the landowner or local shepherds to provide a unique and innovative space for sheep to graze amongst the solar panels which provide protection in both summer and winter.



Beehives

We encourage the siting of beehives within the solar farm, which not only helps to pollinate nearby crops and plants but provides a secure environment with readily available food sources. **The hives are tended by trained local beekeepers to ensure the health and welfare of the bees.**



Planting

Our sites are designed around existing hedgerows and trees. We look to enhance the site with additional planting of native species of hedgerows, trees, pasture-mix grasses and wildflowers.