

The Eden Project launches energy development with Zestec

7 months ago



[The Eden Project](#), an educational charity, world-class garden and global leader in sustainability and environmental storytelling, has launched a new 140 kWp roof-mounted solar PV system on its state-of-the-art plant and education facility, Growing Point.

This marks a significant next step in further reducing the charity's carbon footprint and working towards its goal to become climate positive by 2030 and follows the launch of the UK's first deep geothermal well since 1986 at the site in Cornwall, which provides heat to Growing Point, the Biomes and offices.

The solar project has been funded through Zestec Renewable Energy's Power Purchase Agreement (PPA) model, exemplifying the Eden Project's commitment to environmental innovation, and is being delivered by Custom Solar.

Well-known for its large Biomes and vast surrounding gardens housing thousands of plant species from across the globe, the Eden Project has long been a model of energy efficiency, biodiversity, and community engagement. Now live, this phase of its solar energy initiative is forecast to generate c.145 kWh of clean electricity annually, boosting the energy supply at the Eden Project, whilst saving 32 tonnes CO₂e – the equivalent of 29 UK homes' annual electricity usage^[1]-which supports wider initiatives towards its carbon reduction targets.

Zestec worked in partnership with Custom Solar, part of Mitie, whose expertise in delivering integrated solar solutions, ensured the smooth management of the engineering design, development and installation of the solar PV system.

The addition of this new solar PV system reinforces the Eden Project's mission to help educate the public on the critical importance of sustainability and the accessibility of renewable energy. Embracing solar power not only contributes to further decreasing the Eden Project's carbon footprint and its target to be climate positive by 2030 but is also actively supporting the UK's decarbonisation goals.

Gary Sucharewycz, Sales Director for Solar and Storage, Custom Solar, part of Mitie, said: "We're proud to have supported the Eden Project's ambitious sustainability mission with this innovative solar PV system,

expertly designed to fit the unique architectural design of the Growing Point planting nursery. We look forward to continuing to work closely in partnership with Zestec and Eden Project on site-wide solar deployment, bringing our expertise in delivering specialist solar solutions to accelerate the Eden Project's clean energy goals."

Charles Sainsbury head of regenerative sustainability and energy at the Eden Project, said: "This solar installation is a powerful example of how we are advancing our mission to demonstrate ways in which we can take positive action for the planet and embrace renewable energy solutions. By building on our existing renewable energy infrastructure and literally harnessing the power of the sun, we are taking a significant step toward achieving our carbon reduction goals. This project not only enhances our energy resilience but also underscores the vital role renewable energy plays in addressing the global climate crisis."

Simon Booth, CEO of Zestec Renewable Energy, said, "The Eden Project has always been a pioneer in sustainability, and we're thrilled, along with Custom Solar, to work alongside them on this important initiative. This 140 kWp system is just the first phase of a multi-phase project that will see even greater levels of renewable energy deployed across their site. We're proud to offer businesses the power to make a difference to their energy consumption and sustainability objectives."