

case study



Staunton Garden Centre

Owners Brian and Lynn Lewis are purchasing zero carbon electricity from REI at a heavily discounted rate under its Solar Power Purchase Scheme.

The roof-mounted solar 27kilowatt peak (kWp) system will generate 24,489 kWh of clean green energy per annum, nearly half of the garden centre's annual 56,000 kWh usage.

That is forecasted to cut an estimated £63,000 from the business's electricity bills over the next 20 years, as well as save c.9.8 tonnes of carbon (CO₂e) from entering the atmosphere every year.

Known for its giant geraniums, the garden centre would have had to pay c.£33,000 to fund the capital costs of installing the system without REI's innovative funding model.

Brian, who started the two-acre garden centre near Gloucester 35 years ago, said: "Although well established as a business, we have always moved with the times. It's a win-win situation as our investment was absolutely nothing and there was no risk as far as I was concerned."

Brian Lewis, Owner
Staunton Garden Centre

System specification

Size of system: 27kWp

Forecast Output: 24,489 kWh/annum

Carbon saving: 9.8 tonnes Co₂/annum

Forecast 20-year saving: £63,704

