

HUNGERFORD ENERGY

Bringing the Latest Home Energy Stories to You

NEWS

Series 1 Edition 2



HUNGERFORD ENVIRONMENTAL
ACTION TEAM

A-LEVEL RESULT FOR SUSTAINABILITY STUDIES!

Earlier this year Mark Greenwell's 1930s-built house was awarded the highest Energy Performance Certificate (EPC) rating of "A" for the heating it requires and the carbon impact it causes. This achievement is a milestone in Mark's step-by-step sustainability improvements to his home.



Mark had previously installed improved double-glazing throughout the house. More recently he has had the loft insulated to a full 300mm, changed all lights to LEDs and moved to a *Smart Meter* to better understand his energy use.

He then capitalised on the east-west facing roof of his garage to install the maximum number of PV solar panels he could. Mark knew that to get the best results from the panels he needed to make full use of his generated power, so he installed a battery that can run the house after dark and also solar diverters that use surplus solar generation either to heat the hot water or to charge the batteries on his electric car.

And Mark hasn't stopped there - *"I've also eliminated a living room gas-burning fire and changed from gas to an electric oven. Next on my home energy action list is to install automated thermostatic radiator valves so I can make sure I only heat the rooms I need heated at different times through the day."*