



Pilton Methodist Church

Somerset, South West UK

GB-Sol solar slate roof
SunPower 400W PV solar panels
Tesla Powerwall battery

Integrating solar roof slates, conventional on-roof solar PV and a 3phase Tesla Powerwall (Gateway 2), the project is the first church system in the UK to completely match traditional slates with solar tiles.

Manufactured in Wales, the GB-Sol PV Slates have been designed and independently tested to withstand the extremes of the UK weather and are popular with UK Local Authority planning departments, churches and listed buildings due to their discreet, aesthetic appeal.

In order to increase the overall system output, Solarsense designed and installed an additional solar panel array utilising the unused space on the adjacent East/West facing roof.

The SunPower Maxeon panels offer the highest efficiency, durability and warranty available in the market today: resulting in more long-term energy generation and savings. The 8 modules alone will deliver a further 2,674kW hours of clean energy for the church to use, mitigating a further 741kg of carbon emissions each year.