



solarcentury

Roof suitability

This page will help you assess the feasibility of installing a solar energy system on your property.

Location: Your roof must not be shaded by objects like trees or buildings.

Orientation: Solar energy works on all roofs, but is most effective on those facing south, south-east and south-west. In the UK, a north-facing PV roof will generate about 60% of the output of a similar south-facing one.

Inclination: Solar products are suitable for pitched, flat and curved roofs, although the optimal roof angle is 30 degrees - 40 degrees for the UK.

Available area: The more surface area available, the greater the power potential. For a grid-connected system the minimum required area is approximately 10m². In some cases where suitable roof area is not available we can install a solar energy system on garages and out-houses or on a frame located close to the property.

Planning permission: Solar roofs do not usually require planning permission unless the building is listed or in a conservation area. However you should always call your council to check on local policy. [More detail about planning permission.](#)