

# Choosing Solar Power For Your Home



A solar PV installation can easily provide all the electricity needs of an energy efficient home.

Solar PV panels or roof tiles produce energy from daylight

The daylight hits the Photovoltaic PV cells and is converted into emission free electricity via an inverter for normal use in your home. PV systems are connected to the grid and do not require batteries.

Your home is converted into a clean, silent power station

What is the payback period?

Immediate.

In the current climate of increasing energy costs the payback is covered by the immediate increase in the value of your home when the system is installed. The value of your home will increase by 10%. (Energy Saving Trust)

If you stay in your home you are in control of energy costs. The renewable energy will never go up in price. Utility companies are competing for sources of energy, Scottish and Southern Energy pay 18p per Kilowatt hour of solar power exported to the grid

What about the British Weather?

Solar PV systems use daylight and so produce electricity on cloudy days. Good design is critical. An approved installer will survey and select the right system for your location.

Solar powered water heaters are cheaper should I install these ?

The value added from Solar PV systems is greater. A Solar PV system will heat water **and** provide electricity in your home **and** you can sell any excess back to your energy provider.

Will the system look unsightly on my home?

No.

Good design is essential. Solar panels are well developed and may be adapted to many locations. Solar tiles, the "Rolls Royce" of systems, integrate perfectly into existing tiles on the roof.

I have heard government grants are available?

Grants have diminished over the years. Some assistance is available through the Low Carbon Buildings Programme but you must use an approved installer to obtain your grant.

Is there anyone local to help me?

Yes. Contact Dominique Dupeyron for your local BRE approved installer. We are also fully approved NICEIC registered for all electrical installations

## Solar PV

- ◆ A **real** investment in your home
- ◆ Quick and simple to install
- ◆ Extremely low maintenance
- ◆ Export your solar power for 18p per kilowatt hour
- ◆ Increases your house ratings in the HIPS schemes



## Useful links

[www.solar-solution.co.uk](http://www.solar-solution.co.uk)  
[www.tdsolar.com](http://www.tdsolar.com)  
[www.scottish-southern.co.uk](http://www.scottish-southern.co.uk)  
[www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk)

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