

Energy Efficiency and Renewable Energy Generation – some sources of advice (update 11.09.22)

Energy Efficiency – see, for example, guidance at:

<https://www.ovoenergy.com/guides/energy-guides/what-is-energy-efficiency>

Welsh Government Energy Services for community development support:

<https://energysavingtrust.org.uk/programme/welsh-government-energy-service/>

Energy Saving Trust <https://energysavingtrust.org.uk>

Cwm Arian Renewable Energy <https://www.cwmarian.org.uk>

Smart Export Guarantee (SEG)

<https://www.ofgem.gov.uk/environmental-and-social-schemes/smart-export-guarantee-seg>

Active Buildings Technology: <https://www.specific.eu.com/>

Solar Photovoltaics (PV): <https://energysavingtrust.org.uk/advice/solar-panels/>

Installers: <https://www.solarguide.co.uk/choosing-a-solar-panel-installer#/> Please contact us for local experience. Typical cost: For a 4kw system, approx. £6500

Solar Thermal Systems: <https://energysavingtrust.org.uk/advice/solar-water-heating/>

Typical cost of domestic use: £3,000 to £5,000

Wind Turbines, 5kw to 25kw

General advice: <https://energysavingtrust.org.uk/advice/wind-turbines/>

Suppliers, for example:

SD Wind Energy: www.sd-windenergy.com

Britwind: www.britwind.co.uk

Eocycle: www.eocycle.com

Typical cost to purchase: For 2.5kw: £12,000. For 5kw: £23,000. For 10kw: £45,000.

Mini-hydro Power, general guide:

[Microsoft Word - A Guide to UK mini-hydro development v3.0 \(british-hydro.org\)](#)

Battery storage: <https://www.which.co.uk/reviews/solar-panels/article/solar-panels/solar-panel-battery-storage-a2AfJ0s5tCyT>