Energy Efficiency and Renewable Energy Generation

Renew Wales - for one-to-one free advice to community groups:
https://renewwales.org.uk/about-us/how-does-renew-wales-work/

Energy Efficiency – see, for example, guidance at:
https://www.ovoenergy.com/guides/energy-guides/what-is-energy-efficiency

Welsh Government Energy Services for development support:
https://gov.wales/energy-service-public-sector-and-community-groups

Smart Export Guarantee (SEG)
https://www.ofgem.gov.uk/environmental-and-social-schemes/smart-export-guarantee-seg

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 3kwp system:- £4,300. For a 4kwp system:- £5,700

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

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