

## Renewable Energy Factsheet

Renewable Energy is from natural resources that are instantly replenished and as fuel costs continue to increase, it provides farmers with the opportunity to not only save money but to also produce additional income. Types of renewable energy installations include:

- Wind** Wind Turbines convert wind energy into electrical power – FarmWeb can cover turbines up to 250kw
- Solar / Photovoltaic** Solar Panels convert light into electricity – FarmWeb can provide cover for installations up to 100kw
- Anaerobic Digestion** This is the conversion of waste or agricultural feedstock (maize, wheat etc.) into energy. Methane is produced from the biological breakdown of the feedstock which is then used to power a generator.
- Hydro** Hydropower is the renewable energy contained in flowing water. Electricity generated using hydropower is known as hydroelectricity and can be generated using 3 main ways; storage (e.g a dam/reservoir) pumped storage, (using higher & lower reservoirs) and run of river (where the flow is used to drive the turbine).

**For all installations FarmWeb can only provide cover if it forms part of a working farm.**

### Policy cover for Wind and Solar includes:

- Physical damage to or theft of PV units, inverters, foundations, tracking devices & associated equipment/cabling
- Physical damage to turbines, foundations and associated equipment & cabling
- Debris removal costs up to £25,00 & professional engineers fees included at £25,000
- Business Interruption – covers loss of revenue & failure to supply the grid as a result of damage
- Also includes accountants fees up to £25,000
- Liability – cover to ensure any third parties, including members of the public and covered for injury or damage to their property

FarmWeb can arrange for wind & solar plant and associated assets to be **inspected** by industry specialists to ensure compliance with **statutory regulations**.

Cover can also be extended to include **Equipment breakdown**. If your machinery suffers an electrical or mechanical breakdown, the policy will pay for the repair to the machine and the resultant loss of revenue. For example; breakdown of bearings, failure of PCBs, gearboxes, moveable mirror trackers and electric motors.

**Cover for Hydro & Anaerobic Digestion Plants requires specialist underwriting by us and our Suppliers. Your FarmWeb Member Broker can arrange this for you.**

**Don't forget:**

- **Tell you insurers about your plans for renewable energy installations**
- **Check your chosen turbines are suited to local wind speed & visual/noise receptors**
- **Use specialist MCS accredited installers**
- **Check the cost to connect to the national grid**
- **Include the risks and costs of securing planning permission**