



solarcentury

Solarcentury's overview of UK FITs for PV:

- The average space needed for a solar roof is between 100 – 200 m²
- A typical 60kWp system produces 51,000 units of electricity a year.
- With 31.4p paid for each unit of electricity generated, the preferable tariff for solar PV means farm roofs could see around £16,000 income a year, saving over £1,800 in electricity bills, with income and savings anticipated to be more than £465,000 over 25 years.
- This represents an ROI of over 9% for farmers and helps future proof against rising electricity prices.
- The best rates will only be available over the next two years.
- This annual income and savings breakdown is £16,014 for generated electricity, £765 for exported electricity and £1,845 for savings on electricity bills; totalling £20,094 per year for the average agricultural roof.
- The income figure is based on a 60 kWp system generating 51,000 units (kilowatt hours (kWh)) of electricity a year, assuming that for every kWp of PV installed, you will generate 850 kWh a year, and applying the generation tariff of 31.4p per unit.
- The tariff is index linked, and applies to commercial solar power installations between 10 and 100 kWp capacity.
- The figure also assumes that on average you will consume 50% of the solar electricity in the property and export the remainder earning 3p for each unit exported and energy savings of 9p per unit rising 6% per annum.
- This is a national average, which assumes a south facing pitch of 30 - 40 degrees, with no shading.