

[Securing Potash Farm – Perimeter Fencing for a 5MW Solar Farm](#)



[Renewable Energy](#)

Potash Farm, located west of Milton Keynes, is a 5MW solar energy site developed by RO Energy as part of their expanding portfolio of renewable infrastructure projects across the UK. Spanning 20 acres and generating enough clean electricity to power approximately 1,800 homes each year, the site contributes to an annual reduction of around 2,300 tonnes of carbon emissions. Designed with dual-purpose land use in mind, the farm not only delivers sustainable energy but also provides a safe, biodiverse environment for wildlife, with the space beneath the panels suitable for wildflower growth or light grazing.

Alexandra Security was selected to supply perimeter fencing for the project, working in partnership with fencing contractor Naio Environmental. With incidents of solar farm crime increasing, and Potash Farm's rural location making it a potential target for opportunistic and organised theft, a robust and long-term perimeter security solution was essential. High-value infrastructure—including PV panels, copper cabling and inverters—required protection, while environmental and planning sensitivities meant the fencing also needed to be sympathetic to the landscape.

To meet these needs, a combination of 1,200 metres of 2.4-metre-high [SolarGard Orbit](#) and 200 metres of 2.4-metre-high [SolarGard Aurora](#) was supplied. SolarGard Orbit was installed along the majority of the perimeter, offering a balance of strong security features and low visual impact. It was supplied in RAL 6005 Moss Green to blend with the surrounding vegetation. In higher-risk areas where enhanced protection was required, SolarGard Aurora was used. Two [twin-wire double-leaf security gates](#)—measuring 6 metres and 3 metres wide—were installed at key access points. These matched the Aurora system to ensure a consistent, secure finish throughout the site.

While the site is not in a known high-crime area, its rural setting and valuable assets meant traditional stock or deer fencing would not offer sufficient deterrence. In light of the [rise in solar farm-related crime](#), RO Energy made the decision to invest in purpose-designed security fencing to help ensure the long-term safety and reliability of the installation. With a projected lifespan of 40 years, the SolarGard fencing system provides durable, low-maintenance protection that will serve the site throughout its operational life. The result is a solar farm that not only delivers clean energy to UK homes but does so within a secure and future-ready perimeter.

At Alexandra, we support solar farm developers and operators in specifying the right perimeter fencing for their sites. Our team has extensive experience in the renewables sector, is well-versed in current security guidelines, and works closely with a trusted network of installers. If you're planning a solar farm or battery storage facility and require a security fencing solution, [get in touch with us today](#).