

# The case of photovoltaic panel theft was solved

Could a rise in solar panel theft be a repercussion of energy crisis?

One unexpected repercussion of the energy crisis is a rise in solar panel theft. Police in Germany have warned of a surge in module and inverter theft, and solar farms in the UK face similar risks, writes Rachael Oakley, Head of Crime Intelligence at DeterTech, a security provider.

Are solar panels causing a spate of theft in the UK?

This specific spate of theft has been triggered by soaring values - particularly in relation to metals and machinery - and the low supply of farm machinery worldwide. And alongside machinery, recent figures from the UK police suggest criminals have set their sights on another lucrative opportunity - solar panels.

Are solar panels a crime?

Vandalism is not always a planned, deliberate crime. Still, it can be caused by disruptive individuals who see a remote field of solar panels as a chance to cause extreme damage without being caught, smashing solar panels and rendering them redundant.

What if solar theft is not brought under control?

Not only that, but if solar theft is not brought under control, it will delay the country from reaching its net zero goals. With nights growing darker earlier from October, the risk of theft increases, so action must be taken around this issue, and fast.

Are solar panels a target for criminals?

Large solar panel farm installations can cost hundreds of thousands of pounds, and even small-scale residential grids require an upfront investment. This factor is one of many that make solar panels an easy target for criminals. Let's look at some of the major issues:

Are criminals observing solar farms?

Criminals are starting to observe solar farms and they know there's copper in the cabling, and solar panels there." Copper hit a record GBP 7,500 per ton in February, according to Richie Iwanoff, head of telecommunications company British Telecom's acquisitive crime team.

When the UK police visited an address in Staffordshire they suspected of harbouring solar panels stolen from a Worcestershire site in 2019, they not only recovered 13 modules but also found paperwork indicating ...

**Conclusion: Preventing Solar Panel Theft.** Solar panel theft is a huge problem. Because of the allure that these panels carry, they are one of the most commonly stolen items. This theft results in damage to property and a huge financial loss ...

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It depends on your specific insurance policy, but in most cases, solar panel theft or vandalism is covered under your homeowner's insurance or business insurance. However, you may need ...

The extended periods of higher-stage load shedding over the past year has forced South Africans into action. It is just not feasible to sit around and hope the national power utility fixes the mess ...

This anti-theft system is composed of 3 elements: LiteSUN Plus analyser, which sends a light signal and analyzes the flow of light received, generating an alarm both when the cable is cut ...

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After a more than year-long investigation, federal officials have concluded that five Chinese solar panel companies have been skirting US tariff laws by routing their operations through four...

Get expert advice on the top solar panel problems owners face and how to solve them. Solar panel inverter problems, dirty solar panels, pigeon problems under solar panels, generation meter and electrical problems with ...

Solar photovoltaic (PV) systems are becoming increasingly popular because they offer a sustainable and cost-effective solution for generating electricity. PV panels are the most critical components of PV ...

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To study the efficiency increasing of electric energy generation in the Photovoltaic System is concentrated on this paper. There are four cases to improve the efficiency of power ...

When we connect N-number of solar cells in series then we get two terminals and the voltage across these two terminals is the sum of the voltages of the cells connected in series. For ...

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