

PIENAAR ENERGY (PTY) LTD

Progress of Photovoltaic Panel Theft



Overview

According to Spotter Global, theft from solar farms was expected to rise throughout 2024, with growing demand for panels making them both easier to sell and more valuable to steal. This certainly seemed to be the case, as between January and August 2024, there were at least 70 reported offences. Compact surveillance radars can help secure solar farm perimeters from rising incidents of solar panel theft. It is truly impressive to see how far solar energy has come in the last few years. What's less inspiring is the growing rash of solar panel theft (as well as the theft of other solar farm. According to the International Energy Agency (IEA), global solar photovoltaic (PV) capacity has been growing at an average annual rate of around 33% over the past decade. The United States, for example, has approximately 2,500 solar farms alone while the UK's installed solar capacity hit 15 GW with more than. With copper prices rising, inflation driving up the cost of living, and organized criminal gangs stepping up operations in the United Kingdom and across Europe, solar project owners need to be more conscious than ever of security. A DeterTech PID360 (perimeter intrusion detector) CCTV unit.

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DeterTech Solar Crime Paper

Read on for a high-level understanding of the latest solar farm crime trends. We will also provide recommendations for how you can start to tackle this growing issue and showcase how DeterTech's ...

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The 2024 Outlook for Solar Panel Theft & How Radar Can Help

In this article, we'll discuss the history and projected growth of the solar industry, specific incidents of solar panel theft, why solar panels make such an attractive target to thieves, and what ...



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'Solar theft' - why is it on the rise and how can farms protect

Unfortunately, what should be a virtuous initiative is giving rise to a new crime wave, with police data showing a staggering 48% rise in solar panel and cabling theft from 2021 to 2022.

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Solar Panel Theft and Vandalism , Protecting Your Renewable ...

As the world transitions towards a more sustainable future, protecting solar panel installations from theft and vandalism becomes paramount. By understanding the nature of the ...



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7 Essential Strategies to Protect Solar Farms From the

The growth of solar energy has led to a surge in solar panel and cabling theft, driven by the rising value of metals like copper. Photovoltaic farms, often located in remote areas, face ...

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'Solar Crime' on the Rise

Taylor, presenting at a Solar Crime Open Day event organized by site security company DeterTech and London-based asset manager Schroders, reported a 48% rise in cabling and solar ...



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Weekend read: 'Solar crime' on the rise

German solar security business Viamon tells pv magazine that more than 5,000 "major" solar thefts annually occur in



Europe, with more than 400 in Germany alone.

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The power play: disrupting organised crime against solar farms

In the UK, where we have a data-sharing agreement that covers all 43 police forces, we can provide the most comprehensive picture of theft from solar assets. Yet, the lessons we can take ...

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Photovoltaic Panel Theft Surge: Why Solar Farms Are Becoming ...

You know, it's kind of shocking--solar panels designed to power our future are disappearing at alarming rates. The Solar Energy Industries Association reports a 200% increase in ...

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How Common is Solar Panel Theft? Alexandra Security

Investigates

Solar panel theft is on the rise - discover why it's happening, the real cost to operators, and how security measures can help protect valuable infrastructure.

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