Weapons under photovoltaic panels

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In order to cause a nuclear EMP of sufficient magnitude to take down much of the U.S. energy grid, it would take, at minimum: intercontinental ballistic missiles, nuclear warheads, and a complete ...

Every solar panel and battery connected to the U.S. energy grid relies on a device few people ever consider: the power inverter. In May of 2025, U.S. experts found undocumented ...

The electric grid is becoming increasingly digitized and connected, so maintaining cybersecurity is a top priority for the U.S. Department of Energy. This page explains what a cyber attack is and how ...

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After China flooded the market in recent years, some government officials are concerned certain solar panels may pose security concerns. China installed more solar panels in 2023 than the ...

The discovery of secret "kill switches" in Chinese solar panels raises serious concerns about the vulnerability of the energy grid. These switches, which were discovered in the United ...

A coordinated attack on the U.S. power grid against multiple facilities with such weapons would threaten the security of millions of Americans and the military. And Russia, in particular, has demonstrated an ...

As solar energy becomes more widespread, cybercriminals are finding new ways to breach these interconnected systems, posing serious risks to power grids and energy security.

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