
China stops connecting inverters to the grid at foreign solar container communication stations

Are Chinese inverters a threat to Europe's remote infrastructure?

ESMC Secretary-General Christoph Podewils warned that Chinese-made inverters, which account for 70% of new European installations in 2023 (with Huawei and Sungrow as dominant suppliers), now power over 200 GW of capacity--equivalent to "more than 200 nuclear plants"--stripping the continent of "critical remote infrastructure oversight."

Will Lithuania ban Chinese inverters from connecting to European grids?

It has proposed a "Cybersecurity Toolkit" to assess manufacturer risks and called for EU-wide legislation modeled on Lithuania's 2023 ban, which prohibits Chinese inverters from connecting to European grids.

Are Chinese solar panels a threat to national security?

An organization is calling for an investigation into the national security risks posed by Chinese-made solar products. Power inverters can be found in solar panels and wind turbines that are connected to the electricity grid as well as batteries, heat pumps, and electric vehicle chargers.

Should ESMC restrict remote control of solar inverters sourced from "high-risk non-European manufacturers"?

The European Solar Manufacturing Council (ESMC) has urged EU member states to restrict remote control capabilities of solar inverters sourced from "high-risk non-European manufacturers," primarily targeting Chinese firms, over alleged cybersecurity vulnerabilities linked to grid integration and software updates.

The European Solar Manufacturing Council estimates over 200 GW of European solar power capacity is linked to inverters made in China - equivalent to more than 200 ...

Chinese manufacturers of solar inverters and batteries are facing intensifying scrutiny and regulatory pressure across Europe and the United States, as concerns mount ...

How China could crash Europe's energy grid and what the EU can do about it Europe's solar boom has quietly handed Beijing remote access to hundreds of gigawatts of its ...

Recent revelations concerning Chinese-manufactured solar power inverters have raised significant security concerns following the discovery of potentially harmful ...

A November 2024 incident, where inverters in the U.S. and elsewhere were remotely disabled from China, underscored the risks of foreign control over local power ...

Producers of inverters, crucial components for connecting solar panels to the grid, are teaming up outside established European industry lobbying structures in a new challenge to ...

Analysis: Discovery of communication modules in Chinese solar inverters spotlights urgent dilemma for Western energy security--balancing national safety, climate ...

A document published by the European Commission on strengthening the EU's economic security lists reliance on Chinese solar inverters as an example of high-risk ...

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