

Title: New delhi solar-powered communication cabinet inverter reform

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Are inverter communication modules a threat to India's energy sovereignty?

Notably, more than 80 per cent of such devices are made in China. "Inverter communication modules that transmit data to servers outside India not only pose risks of unauthorised control but also threaten national energy sovereignty by exposing sensitive consumption and generation data," the renewable ministry said.

Are rooftop solar inverters required in India?

As per a directive from the renewable ministry, suppliers of rooftop solar inverters will be required to connect these machines to a national software platform hosted on servers in India that will be managed by an Indian government agency, according to Bloomberg.

Will rooftop solar inverters be required to connect to national servers?

New Delhi: Rooftop solar inverters installed under the PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY) will be required to mandatorily connect to national servers and use machine-to-machine (M2M) SIM-based communication protocol, the Ministry of New and Renewable Energy (MNRE) has said in a compliance order issued to all stakeholders.

Are inverter modules a threat to national energy sovereignty?

The ministry added that inverter modules transmitting sensitive data to servers outside India threaten national energy sovereignty and increase the risk of unauthorised control. It further stated that third-party communication could be exploited to manipulate inverter operations, potentially disrupting power generation and grid operations.

"Inverter communication modules that transmit data to servers outside India not only pose risks of unauthorized control but also threaten national energy sovereignty," the memorandum states.

As more than 80% of rooftop solar inverters used in India are made in China, India has moved to shield them from cyber risks by mandating to connect ...

The MNRE is finalising a vendor-neutral open communication protocol along with security guidelines for data communication to enable real ...

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India is moving to keep rooftop solar telemetry on India-based servers to protect data leakage, as the Ministry of New and Renewable Energy (MNRE) advances a national, vendor-neutral ...

Addressing a press conference at the Delhi Secretariat, CM Gupta said this transformation is more than a technological upgrade -- it is a landmark ...

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