ContainerPower Energy Solutions

India installs solar panels

Overview

Which city in India has installed solar panels between railway tracks?

Varanasi is the first city in India to install portable solar panels between railway tracks, promoting sustainable energy. This pilot project at Banaras Locomotive Works (BLW) supports Indian Railways' goal of reducing its carbon footprint and achieving net-zero emissions.

What is a solar installation in Varanasi?

A 70-metre-long solar installation with 28 removable panels generating 15 KWp power. Placed between railway tracks, ensuring efficient use of space. Launched in: August 2025 at Banaras Locomotive Works, Varanasi by the Ministry of Railways. Promote green and sustainable rail transport. Generate clean energy using underutilised track space.

Can solar panels be installed on railway tracks in Varanasi?

VIDEO | Varanasi: Bareka railway tracks installed with solar panels; India's first removable solar panel system. PRO Rajesh Kumar says, "Varanasi's BAREKA, as part of a pilot project, has introduced an innovative use of the vacant space between railway tracks.

Will India's first solar panel system boost its net-zero goal?

Indian Railways installs India's first removable solar panel system on tracks at BLW Varanasi, boosting its 2030 net-zero goal.

Is BLW India's first removable solar panel system?

Now, BLW has installed India's first removable solar panel system. BLW has received multiple accolades for excellence in locomotive design and manufacturing. At the 42nd Maintenance Service Group (MSG) meeting, the unit earned the Loco Cab Design Award for its innovative and ergonomic locomotive cabs.

Will Indian Railways pilot solar panels at BLW Varanasi?

Indian Railways pilots removable solar panels on tracks at BLW Varanasi, showcasing innovation and advancing its 2030 net-zero carbon target.

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