



The channel has installed solar panels

Can solar panels be installed over canals?

The idea is simple: install solar panels over canals in sunny, water-scarce regions where they reduce evaporation and make electricity.

Does India have solar panels over canals?

India already has solar panels over canals, but the mile-long Project Nexus in California's San Joaquin Valley will be the first of its kind in the US. Project Nexus includes the installation of solar panel canopies over various sections of Turlock Irrigation District's (TID) irrigation canals.

Are solar panels on water canals a good idea?

Solar panels on water canals seem like a no-brainer. So why aren't they widespread? One study estimates that covering California's canals with solar panels could generate enough energy to power Los Angeles for most of the year. Back in 2015, California's dry earth was crunching under a fourth year of drought.

Should California cover water canals with solar panels?

As we explained in a 2021 study, covering these canals with solar panels would reduce evaporation of precious water - one of California's most critical resources - and help meet the state's renewable energy goals, while also saving money.

Could solar panels be erecting over canals?

In March 2021, Electrek reported that scientists published a feasibility study about the benefits of erecting solar panels over canals. That study is about to become a reality when a pilot project breaks ground in California.

Where are solar panels installed in India?

FILE - Indian laborers work amid installed solar panels atop the Narmada canal at Chandrasan village, outside Ahmadabad, India, Feb. 16, 2012. The project brings water to hundreds of thousands of villages in the dry, arid regions of western India's Gujarat state. (AP Photo/Ajit Solanki, File)



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