

The village chief installed solar power generation himself

Why did a village stop using solar power?

He also cited costs as one of the reasons for the village abandoning the use of solar power. Solar power cost Rs. 9 per unit while conventional (thermal) energy, which became available soon after the solar setup, was at a much cheaper rate of Rs. 3 per unit.

Is a 100 kilowatt solar mini-grid a gamechanger for Bihar?

The 100-kilowatt mini-grid launched by Nitish Kumar in Dharnai village was once believed to be a gamechanger for the state. In August 2014, Bihar's Chief Minister Nitish Kumar visited Dharnai village in Jehanabad district of Bihar to inaugurate a 100-kilowatt solar mini-grid in the village that would supply electricity.

Why did a village lose trust in solar power?

However, after three years due to lack of maintenance, the solar grid became non-operational and since then it has been lying defunct. With no maintenance and high tariff the village lost trust in the solar setup and switched to thermal power as soon as it became available.

How many solar power connections are there in Dharnai panchayat?

Aviram Sharma from the Nalanda University, Rajgir, Bihar, in his 2020 study of the village, found that while in 2014 there were 225 connections of solar energy in the four villages in the Dharnai panchayat, the numbers came down to 126 in 2016. He also cited costs as one of the reasons for the village abandoning the use of solar power.

Why has the government installed solar panels on her house?

The Government has installed solar panels on her house which has given her much-needed relief from household expenses. "Earlier, when solar was not there, I had to pay huge amount for the electricity bill - close to 2,000 rupees. However, with the installation of the solar, my electricity bill is now zero.

Why did villagers protest against Nakli Bijli?

At the now defunct project site, the villagers told Mongabay-India that when Nitish Kumar came to inaugurate the project, some people protested against it, demanding grid-connected electricity or asli bijli ('real' power) rather than solar energy which they termed as nakli bijli ('fake' electricity).

In August 2014, Bihar's Chief Minister Nitish Kumar visited Dharnai village in Jehanabad district of Bihar to inaugurate a 100 kilowatt solar mini-grid in the village that would supply electricity. Dharnai had no electricity ...

It's been precisely one year now, since 2000 citizens of Dharnai, a small village near Bodhgaya in the eastern

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Indian state of Bihar achieved access to electricity for the first time in 30 years. To most us who are living in ...

The Wainika hybrid system comprises 1.4 kilowatt PV modules coupled with a 2,500 watt diesel generator and battery storage to power three energy-efficient freezers. Since the inception of ...

During his two-day visit to India this week, UN Secretary-General António Guterres visited a model project site in Gujarat state, designated the country's first solar-powered village. He...

"Our target is to install solar power generation units on rooftops of the remaining 479 village panchayats by April. If we manage to do this, Rajkot district will become the first ...

True story: In a remote village in Africa, the installation of solar-powered water pumps transformed the lives of the residents. Previously, women and children had to walk miles each day to fetch water from distant sources. ...

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With Fiji having average horizontal solar insolation of around 5.4 kWh/m²/day and the capital cost of installation of solar PV ranging from FJD3,100 to 3500/kW for rooftop ...

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This park was launched on 30.12.2010 and commissioned on 31.12.2011 and formally dedicated to the Nation by Hon"ble Chief Minister on 19.04.2012. "Gujarat Solar Park" has been one of ...

to install solar PV power generation systems (Kwan, 2012; Simpson and Clifton, 2017). The indirect impact of policy tools (subsidies and incentives) on residents' awareness of

That solar accounts for less than 4% of India's power generation, and only around 3 GW rooftop solar - including that of Ansari's - has been installed so far. Jharkhand ...

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