

# Watch This Truck Roll Out Solar Panels Like A Carpet

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Since antiquity, humans have used bricks to create roads. The downside of building with bricks is that it takes a long time to construct the brick [road](#), especially if it has a complicated pattern.

In the last decade, [engineering](#) has discovered a way to speed this up. The RoadPrinter, by RPS, revolutionizes the way brick [walkways](#) and roads are constructed, by allowing them to be assembled vertically, and then slide down a ramp slowly to rest on the ground. This allows pavers to assemble 500 meters of road a day.

*Produced by [Rob Ludacer](#)*

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A company patented technology that can roll solar panels out like a carpet — and it's amazing.

Called Roll-Array, the technology can be towed by any 4X4 car, like a Range Rover or Land Rover. It was developed by Renovagen, a company formed in 2012 specifically to develop the rollable solar array.

The system, first spotted by [Treehugger](#), is fairly simple to use. First, hook the Roll-Array to the back of the car and drop it off where you want to place the solar panels. Then use a spool to connect the Roll-Array to the back of a car.

Drive the car forward and allow the spool to pull the Roll-Array out like a carpet. And voila, your solar panels are dropped in a matter of two minutes, [Renovagen writes on its website](#).

The solar field can also be easily staked to the ground so it can withstand winds up to 80 miles per hour.

Installing a solar field manually takes about 22 hours, according to a [Renovagen video](#). Meanwhile, only two people are required to install the Roll-Array, which includes batteries and inverters.

No additional labor is necessary once the solar panels are rolled out because everything comes pre-wired and pre-connected. The panels provide up to 100kWp of power — 10 times more power than any other transportable solar products, according to the Renovagen website.

Roll-Array is not only a more efficient way of installing solar panels, but it helps cut down on fuel costs because it doesn't require large diesel generators like other solar panel installations.

Renovagen notes in their video that the system is perfect for military bases and disaster relief.

This isn't the first time we've seen rollable technology like the Roll-Array. The [RoadPrinter can roll 500 meters worth of bricks](#) on a road in one day.

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