

How do solar trackers work?

Trackers lessen this risk by spreading their generation over the morning and evening. In east-west systems, solar panels are installed with half of them facing towards the east and half facing towards the west. Panels can be placed back-to-back to reduce the space between rows and allow for more modules to be installed to increase power generation.

Why are east-west solar panels used more at higher latitudes?

East-west structures also tend to be used more at higher latitudes as the sun does not rise as high in the sky and panels can be placed closer to structures without shading, generating more energy from the same area. As east-west systems are installed lower to the ground, they reduce wind loads on the panels as winds pass over the array.

Can a solar panel be placed back-to-back?

Panels can be placed back-to-back to reduce the space between rows and allow for more modules to be installed to increase power generation. This is ideal for regions such as northern Europe, to maximize output from sites that have limited space.

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KIPP & ZONEN wrote on May 11, 2014: CSERS stands for the Centre for Solar Energy Research and



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