

# Is it better for photovoltaic panels to face west or east

Should solar panels face east or west?

Homes that have solar panels facing directly east or west will produce around 20% less energy. The proper solar panel orientation for homes located north of the equator is facing true south. For homes located south of the equator, it will be the opposite--facing true north.

What is the difference between north-west and west-facing solar panels?

North-West Orientation: Solar panels facing north-west will produce around 5% less electricity overall than north-facing panels. Their electricity production through the day will be between that of north and west facing ones. They produce slightly more electricity during the afternoon and slightly less in the morning.

Do east-facing solar panels produce more electricity?

They produce slightly more electricity during the afternoon and slightly less in the morning. East Orientation: East-facing solar panels are similar to west-facing ones in producing around 15% less electricity overall than north-facing panels, but produce more electricity in the morning and less in the afternoon.

Are south-facing solar panels better than east-facing?

In general, solar panels that face either directly east or west produce about 20% less electricity than if they faced south. While you'll still save money, you may have to install a few more panels to cover all of your home's electricity usage with solar compared to a south-facing system.

What is the difference between North-East and east-facing solar panels?

North-east Orientation: Panels facing north-east will produce around 5% less electricity than north-facing solar panels and their production through the day will be between that of north-facing panels and east-facing ones.

Are west-facing solar panels worth it?

West-facing panels can be worthwhile if you have a variable feed-in tariff, as these increase the amount received for exported solar electricity in the late afternoon. For example, in Perth, the feed-in tariff is low for most of the day but increases to 10 cents after 3pm.

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