

# Tilt angle of solar panels in Ireland





## Overview

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What is the ideal angle to tilt solar PV panels in Ireland?

So far based on Solar PV Analysis of 100 locations in Ireland, we've discovered that the ideal angle to tilt solar PV panels in Ireland varies between 46° from the horizontal plane facing South in Carndonagh and 43° from the horizontal plane facing South in Clonakilty.

What angle should I Tilt my solar panels?

Depending on where you are based in Ireland, the ideal angle to tilt your solar panels will vary by approx 3 degrees (between 46° from the horizontal plane facing South and 43° from the horizontal plane facing South). Ireland ranks 83rd in the world for cumulative solar PV capacity, with 136 total MW's of solar PV installed.

What is the best orientation for solar panels in Ireland?

In Ireland, the optimal orientation for solar panels is south-facing to maximise sunlight exposure throughout the year. The best tilt angle is generally between 30 and 35 degrees from horizontal, which aligns well with Ireland's latitude and solar path, optimising sunlight absorption for most of the year.

What is a good tilt angle in Ireland?

In Ireland, a tilt angle of about 30 to 35 degrees is a good middle ground. This angle is close to the average of the country's latitude, offering a nice compromise for year-round solar capture. Remember, the goal is to capture as much sunlight as possible, but you don't need to overcomplicate things.



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### [Why Solar Panels Shouldn't Always Face South . Energ Hero](#)

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