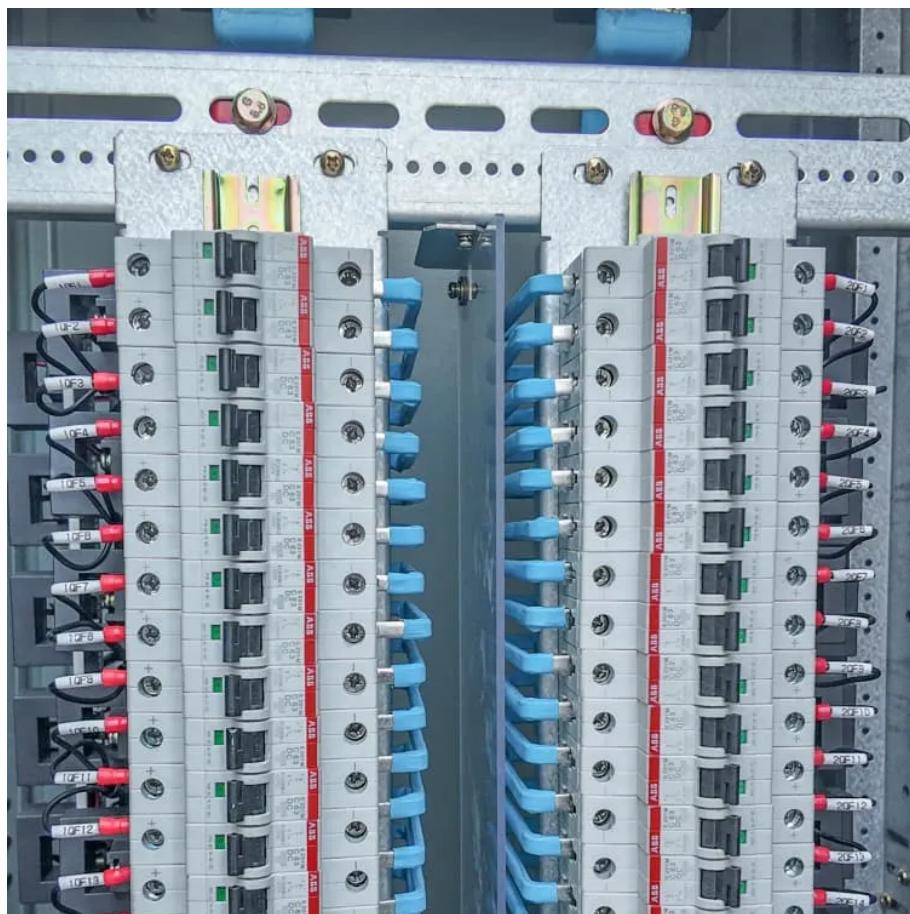




## MODERNIZATION SOLAR

# Roof garden under solar panels





## Overview

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Can a solar green roof be installed on a flat roof?

For the end users, the yield of solar panels is naturally of high importance. A green roof, installed underneath and around the PV panels, can boost the energy yield with 6 to 10%! Therefore, we recommend installing a Solar Green Roof on flat roofs with a 0 to 5 degree pitch. What is a Solar Green Roof system?

Could a garden grow under a rooftop solar panel?

Five stories off the ground at Colorado State University, a highly unlikely garden grows under a long row of rooftop solar panels. It's late October at 9 am, when the temperature is 30 degrees Fahrenheit and the wind is cutting.

Why should a roof combine solar panels and green roofs?

There are various reasons to create a roofing system that combines solar panels and green roofs. Here are some examples: The blend of increased insulation provided by green roofs and the clean energy produced by solar panels equals improved energy efficiency for your home.

Why did green roof technology introduce the solar garden roof system?

In 2008, we introduced to the first Solar Garden Roof system to North America because we worked on similar projects in Germany already in 1995. Green Roof Technology's Solar Green Roof solutions are innovative, penetrations-free, and for flat roofs, sloped or curved roofs. Furthermore, all solutions have Blue Green Roof options.



## Roof garden under solar panels



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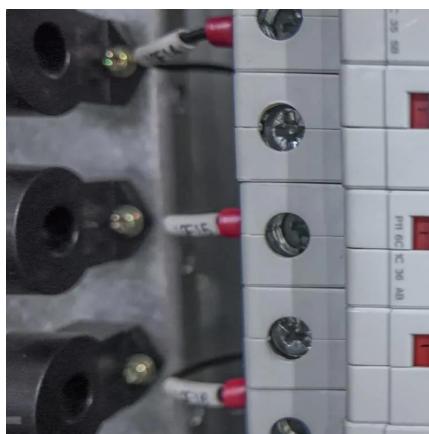
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In 2008, Solar Garden Roofs were officially introduced to North America by Jörg Breuning, Green Roof Technology after the success in Germany.



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