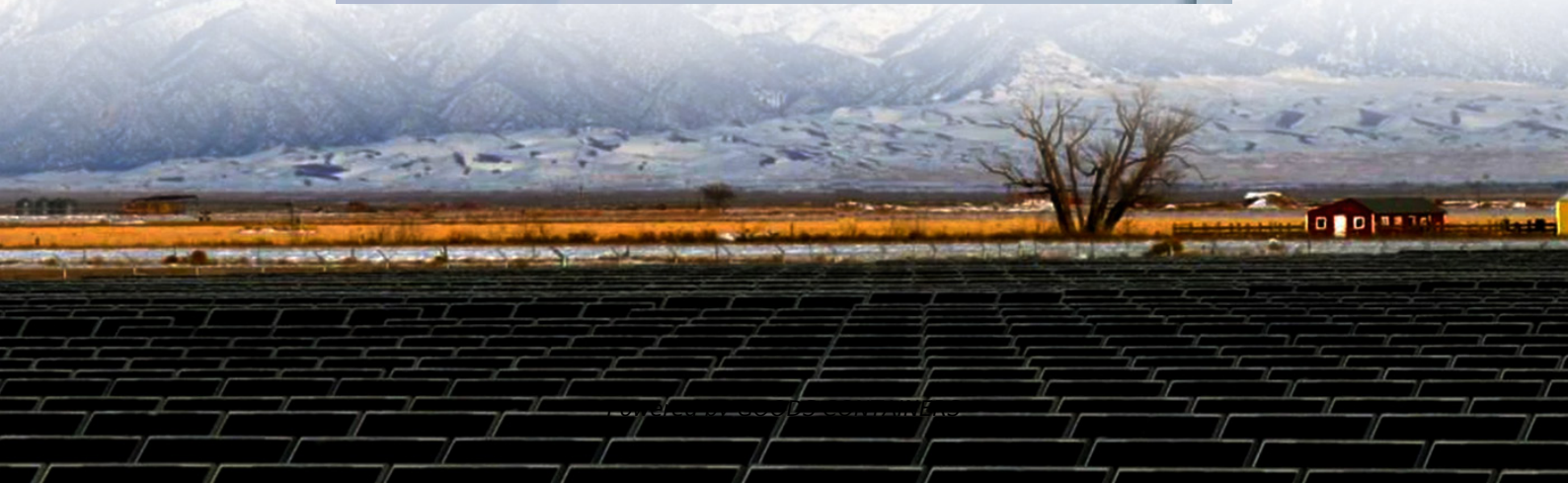


# **Shopping mall uses off-grid solar-powered container 150 feet**





## Overview

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Do shopping malls need solar panels?

Solar panels reduce a shopping mall's reliance on traditional grid energy, leading to lower electricity bills and long-term financial benefits. Additionally, shopping malls can take advantage of tax breaks, which can significantly offset the initial investment cost of the solar panel installation.

Why do South Africa's shopping malls use solar panels?

In South Africa, where much of the power produced is from fossil fuels, installing solar panels and going green promoted an eco-friendly business. Solar panels guarantee free electricity for up to 25 years if well maintained. By transitioning to solar energy, shopping malls play a pivotal role in reducing the city's carbon footprint.

Are shopping malls the future of energy management?

Shopping malls and similar venues present attractive, big-time opportunities as potential sites for grid-connected solar power, energy storage and intelligent, highly energy-efficient facilities management.

Can a rooftop solar system carry a mall's full load?

"The rooftop solar system can carry the mall's full load during the day, and the BESS is sized to ensure autonomy during load shedding and even unexpected grid failures using smart load management and diesel generation," said Charl du Plessis from EP Power.



## Shopping mall uses off-grid solar-powered container 150 feet

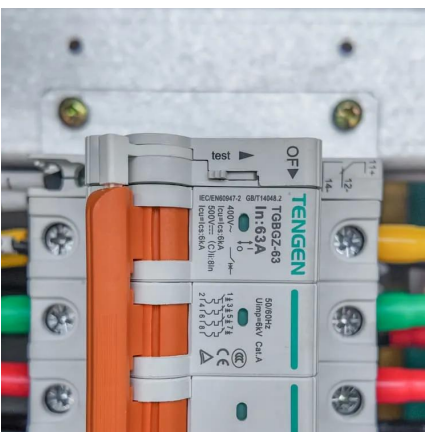


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