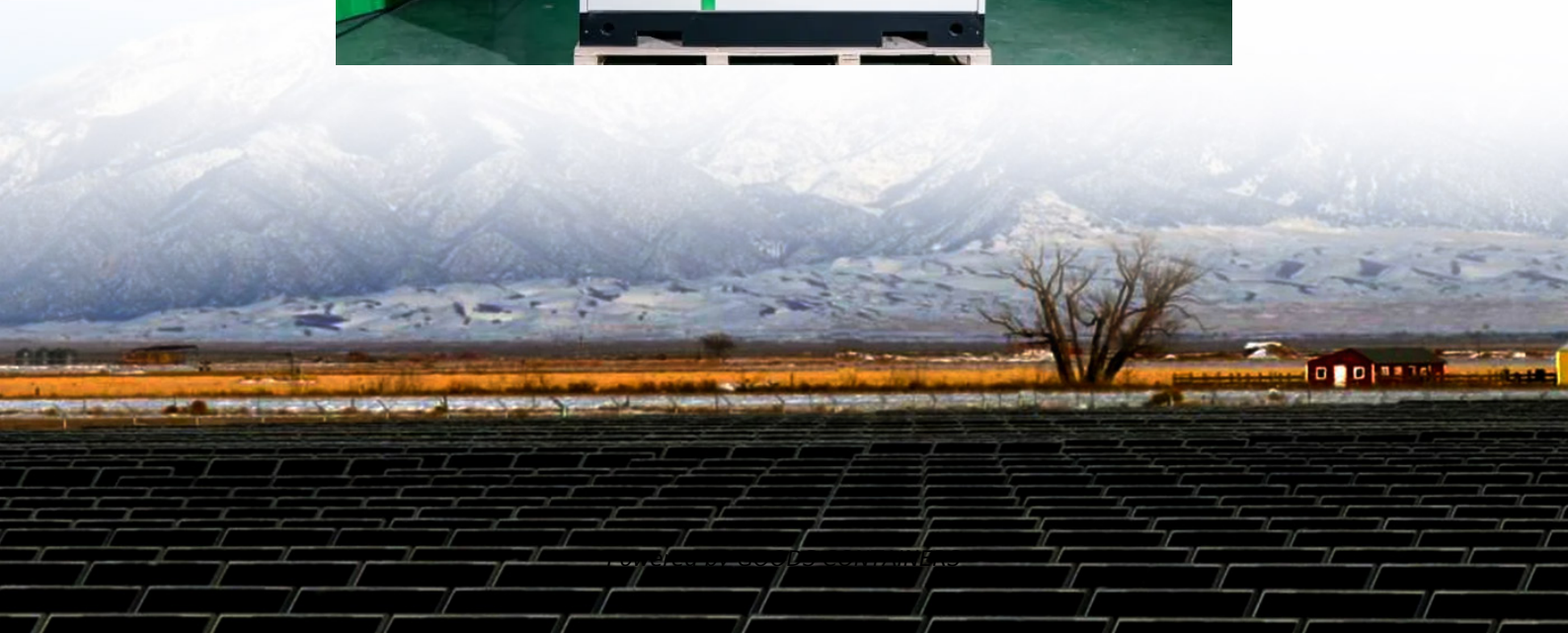


# Namibia High Temperature Solar System





## Overview

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Does Namibia have solar power?

The southern region of Namibia experiences -on average- 11 hours of sunshine/day, and an average direct solar radiation of 3000 kWh/m<sup>2</sup>/year . With these conditions, Namibia has a huge potential for installing solar water heaters, solar photovoltaic (PV) systems, and concentrated solar power (CSP) plants .

How much solar radiation does Namibia have?

The country's average high direct solar insolation is 2200 kWh/m<sup>2</sup> /year, with a cover of minimum clouds . The southern region of Namibia experiences -on average- 11 hours of sunshine/day, and an average direct solar radiation of 3000 kWh/m<sup>2</sup>/year .

What are the applications of solar power in Namibia?

Namibia's most common PV technology application is solar PV-based pumping, which is mainly used in cattle farms . Secondary solar applications in the country would be rural electrification, powering radios, lighting, TVs, and fans .

Why should Namibia invest in a mega solar project?

This mega solar project will support Namibia's efforts to enhance its renewable energy infrastructure and is expected to greatly contribute to the country's general electricity supply security and also its sustainability goals.



## Namibia High Temperature Solar System



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