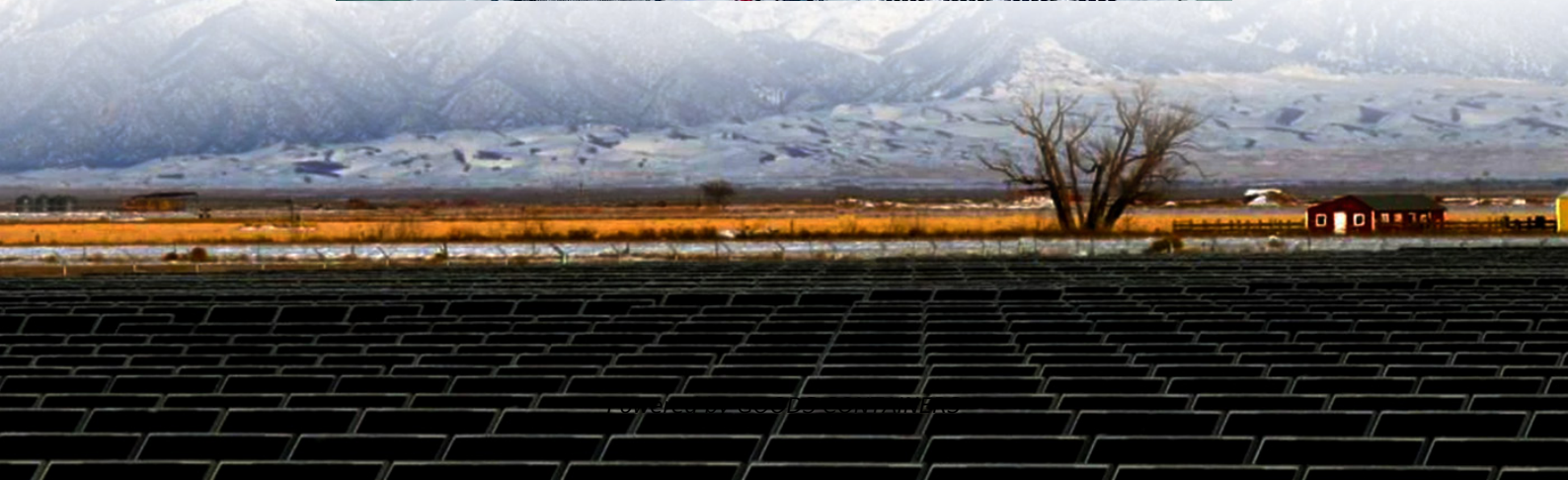


# **How many solar container communication stations and wind power are there in Palikir**





## Overview

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How much solar radiation does Sri Lanka receive?

Sri Lanka receives significant amount of solar radiation across all geographical regions. The Global Horizontal Irradiance (GHI) varies between 1,247 kWh/m<sup>2</sup> to 2,106 kWh/m<sup>2</sup>. It is interesting to note that the intensity of solar irradiation in lowland areas is high compared to mountainous regions.

Can solar PV power mini-grids?

Using solar PV to power mini-grids is an excellent way to bring electricity access to people who do not live near power transmission lines. The cost of manufacturing solar panels has plummeted dramatically in the last decades, making them an affordable form of electricity.

What is concentrated solar power (CSP)?

Concentrated solar power (CSP), uses mirrors to concentrate solar rays. These rays heat fluid, which is run through a heat exchanger to create steam to drive a turbine and generate electricity. CSP is used to generate electricity in large-scale power plants.



## How many solar container communication stations and wind power

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