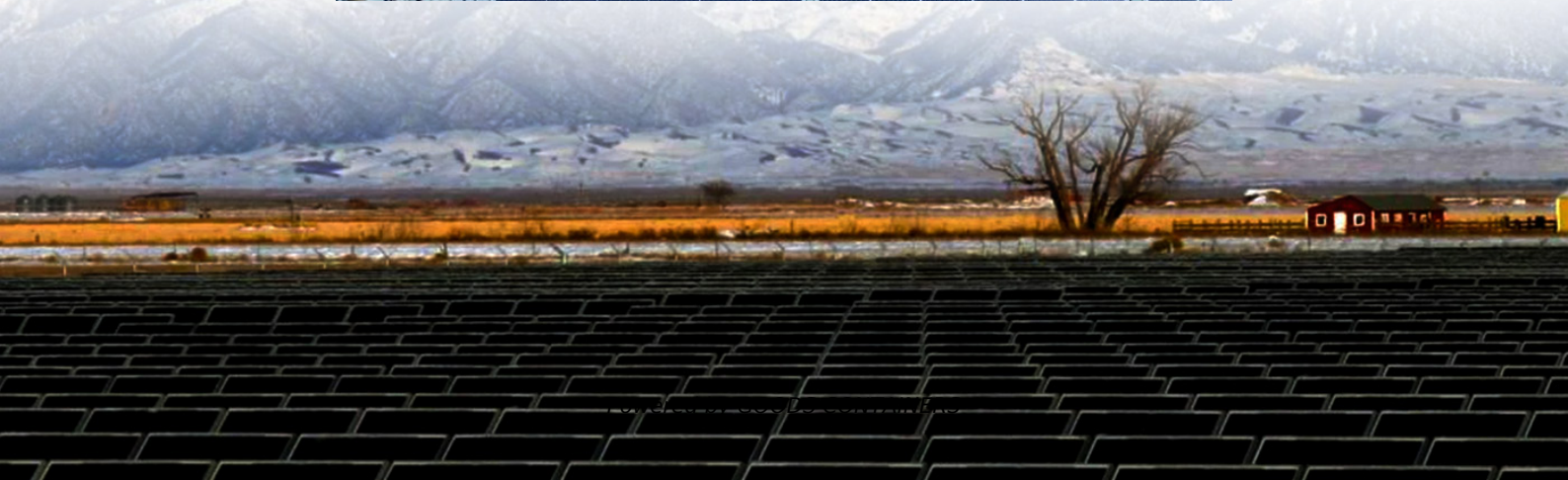


# **How many communication solar base stations are there in San Diego**





## Overview

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How much energy does a solar system use in San Diego?

Solar installations in San Diego that are always tilted at the latitude of San Diego (Average Tilt at Latitude or ATaL) average 6.03 kWh/m<sup>2</sup>/day, or about 15% greater than the average monthly GHI of 5.26 kWh/m<sup>2</sup>/day and approximately 5% greater than the average monthly DNI of 5.76 kWh/m<sup>2</sup>/day. [ 1].

How much solar radiation does San Diego have?

San Diego, CA has a average annual solar radiation value of 6.13 kilowatt hours per square meter per day (kWh/m<sup>2</sup>/day). [ 1] The month with the highest historical solar radiation values in San Diego is August with an average of 6.84 kWh/m<sup>2</sup>/day, followed by September at 6.67 kWh/m<sup>2</sup>/day and October at 6.36 kWh/m<sup>2</sup>/day. [ 1].

Are solar panels viable in San Diego?

Based on 97% data coverage over buildings in this geographic area. All estimates are based on buildings viable for solar panels. Included panels receive at least 75% of the maximum annual sun in the county. For San Diego, the threshold is 1,295 kWh/kW. Read about Project Sunroof's methodology for defining solar viability below.

Which month has the highest solar power output in San Diego?

The month with the highest historical solar power output in San Diego is August with an average of 626.87 kWhac, followed by March at 596.57 kWhac and May at 595.25 kWhac. [ 2]



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