

# Solar energy in bicol





## Overview

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Why is Bicol a Green Lane-certified solar power plant?

As Bicol's first fully operational Green Lane-certified project and pioneer solar power plant in the Region, the achievement underscores the Philippine government's dedication to fast-tracking renewable energy investments.

Is Bicol a good location for solar energy production?

The Bicol Region in the Philippines, located within the tropics, is a suitable location for solar energy production throughout the year. This is due to its consistent sunlight exposure and distinct wet and dry seasons.

What is the solar PV output for Bicol Region?

Seasonal solar PV output for Latitude: 13.2453, Longitude: 123.5698 (Bicol Region, Philippines), based on our analysis of 8760 hourly intervals of solar and meteorological data (one whole year) retrieved for that set of coordinates/location from NASA POWER (The Prediction of Worldwide Energy Resources) API: Average 5.60kWh/day in Summer.

How should solar panels be positioned in Bicol Region?

In Autumn, tilt panels to 19° facing South for maximum generation. During Winter, adjust your solar panels to a 28° angle towards the South for optimal energy production. Lastly, in Spring, position your panels at a 6° angle facing South to capture the most solar energy in Bicol Region, Philippines.

What is Naga (Bicol) solar farm?

Archived from the original on 07 July 2022.; Naga (Bicol) solar farm is a solar photovoltaic (PV) farm in pre-construction in Bicol Region, Philippines.

How much energy does a solar PV system produce a day?

Average 4.08kWh/day in Winter. Average 6.25kWh/day in Spring. To maximize



your solar PV system's energy output in Bicol Region, Philippines (Lat/Long 13.2453, 123.5698) throughout the year, you should tilt your panels at an angle of 11° South for fixed panel installations.



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### Iriga: First utility-scale solar power plant in Bicol ...

Presided over by Camarines Sur Gov Luigi Villafuerte, along with Nexif Ratch CEO Cyril Dissescou and Calabanga Renewable Energy Inc. President Nicolo Subido, the 74.1 MW Calabanga Solar Power Plant (CARE) ...

### [Solar-powered energy source for every Bicolano Home](#)

Benefits of Solar-Powered Energy The positive effects of renewable energy on our economy, ecology, and health are extensive. If you live in the Bicol area, you can reap these rewards from switching to renewable ...



### [Solar PV Analysis of Bicol Region, Philippines](#)

The Bicol Region in the Philippines, located within the tropics, is a suitable location for solar energy production throughout the year. This is due to its consistent sunlight exposure and distinct wet and dry seasons.



### [Solar PV Analysis of Tabaco, Philippines](#)

The location in Tabaco, Bicol Region, Philippines is quite good for generating solar energy all year round. This is because it's near the equator where sunlight is consistent throughout most of the year. The amount of electricity you can ...



### Philippines' large-scale PV market sees project size ...

Philippines' Department of Energy cleared 29 utility-scale solar projects in the January-August period. Most of them have a capacity of more than 180 MW and four of them even exceed 500 MW. The

### [CatSU becomes 1st SUC to operate own solar microgrid](#)

The Catanduanes State University became the first state university in the entire country to have its own solar farm and microgrid, with the switch-on of the P45.5 million facility last week. President Patrick Alain T. ...



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