

## Ecuadorian rooftop solar photovoltaic panels







## **Overview**

Is Ecuador laying the foundation for 15% solar PV growth?

Ecuador is laying the foundation for 15% solar PV growth over the coming decade, data and analytics company GlobalData reports. The country is currently taking its nascent steps into non-traditional renewable energies, particularly solar PV deployment.

Will solar power grow in Ecuador?

"As of 2019, with an installed capacity of 26.7 MW solar PV formed a negligible portion of Ecuador's capacity mix," comments Somik Das, Senior Power Analyst at GlobalData. "Going ahead, GlobalData notes that growth in solar capacity is anticipated to see an expansion, seeing cumulative installed capacity of more than 4GW by 2030.".

Will solar capacity grow in Ecuador by 2030?

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Does Ecuador have a solar market?

GlobalData points out that in the more pessimistic scenario, the growth of Ecuador's solar segment over the decade sits at around 8-9%. This scenario highlights an extremely shunted growth of the solar segment in the country, which would mean that the segment would be considerably smaller compared to the other technologies up to around mid-decade.

What is Ecuador's energy supply?

Ecuador's power space has long been dominated by hydropower and oil-based generation. According to IRENA's latest data (for 2017), almost 80% of the country's energy supply was from oil and about 16% from renewables, with



almost all of this from hydro supplemented with a small contribution from bioenergy.



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