

## Kongres Container

# Albania PV Off-Grid Energy Storage Project



## Overview

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How many solar projects are there in Albania?

So far, the solar auctions have produced two PV projects with a total of 240 MW. Albania reports 7 GW of wind and solar potential and is looking into developing offshore wind in the Adriatic Sea. The availability of renewable energy resources in Albania for some renewable energy technologies is less studied than for others.

Is solar a viable alternative to electricity in Albania?

A move toward more solar is partly an attempt to diversify Albania's electricity sources. In "Evaluation and integration of photovoltaic (PV) systems in Albanian energy landscape," which was recently published in Solar Compass, the scientists said that solar is an adaptable and affordable alternative, given Albania's sunny climate.

Could solar power reduce Albania's reliance on energy imports?

Albanian researchers say that solar could be key to reducing Albania's reliance on energy imports, but the nation will need to invest in grid infrastructure, streamline laws, and enhance access to funding to support deployment.

Could a photovoltaic unit be the second-biggest in Albania?

A proposed unit in Fier, the country's photovoltaics hub, would be the second-biggest in the country. Solar power accounts for 6% of electricity production in Albania. More than half of the photovoltaic output is from the Karavasta facility, the biggest of its kind in the Western Balkans. It has 140 MW in peak capacity.

Where is Albania's second largest photovoltaic plant?

The company laid the cornerstone late last year for the 100 MW solar power system in the west of Albania. The site is near the port city of Durrës. One other PV plant is planned for expansion to 100 MW. Now another project of the

same size is racing for the position of the country's second-largest photovoltaic facility.

Will Albania expand its solar sector?

Albania, meanwhile, has sought to expand its solar sector in recent years, launching its fifth round of auctions for new PV capacity in January of this year. Bids were placed for 355.9MW of capacity, and the ministry of infrastructure and energy awarded contracts to eight consortia for 300MW of capacity.

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