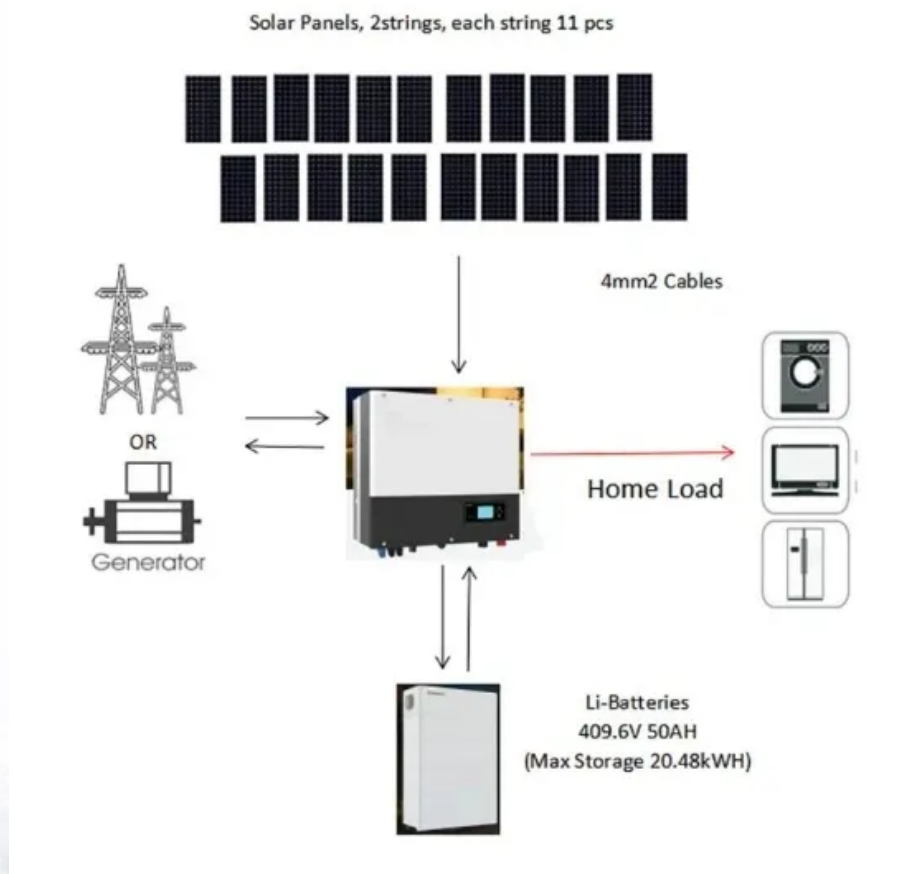


## A-Core Container

# Uzbekistan s regulations on wind power generation for communication base stations



## Overview

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What is the first wind power project in Uzbekistan?

In April 2020, there was an announcement about the first wind power project in Uzbekistan - "Construction of Wind power plant with the capacity of 100 MW in Karakalpakstan Republic\*, Beruniy region". At the end of the EoI process, 70 leading companies and/or consortiums worldwide submitted applications for participation in competitive bidding.

Why is Uzbekistan against wind power development?

In addition, the rural Uzbekistan public is generally against wind power development, fearing that ultra-low frequency sounds are harmful to human health. Overcoming the technical challenges as well as the prejudices is part of Uzbekistan's wind power agenda.

Will Uzbekistan's 520 GW wind capacity satisfy 25 percent demand?

The projected wind capacity of 520 GW would satisfy 25 percent of Uzbekistan's demand for energy," said Martina Dabo of Intec-GOPA. The ambitious Uzbek wind pursuits, some experts say, also signal the country's cautious shift to new energy politics.

Is Uzbekistan's wind capacity a feasible target?

Echoing, Johannes Becker, project manager at GEO-NET, said the target is feasible, and pointed to the assessment study carried out in Uzbekistan by GEO-NET and Intec-GOPA, a engineering and consulting company, also from Germany. We have made sure ourselves about the potential during the country's wind capacity's assessment in different locations.

How much electricity does Uzbekistan need?

According to projections, Uzbekistan will require 117 billion kilowatt-hours of electricity by 2030, increasing to 135 billion kilowatt-hours by 2035—1.7 times the current consumption. To meet these demands, the Ministry of Energy has

developed a long-term strategy focused on infrastructure development and efficiency improvements.

How will Uzbekistan improve electricity production?

The government plans to invest \$4 billion in the National Electric Grid of Uzbekistan over the next five years to facilitate these projects. Reducing electricity production costs is another major priority, with a particular emphasis on alternative energy sources.

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