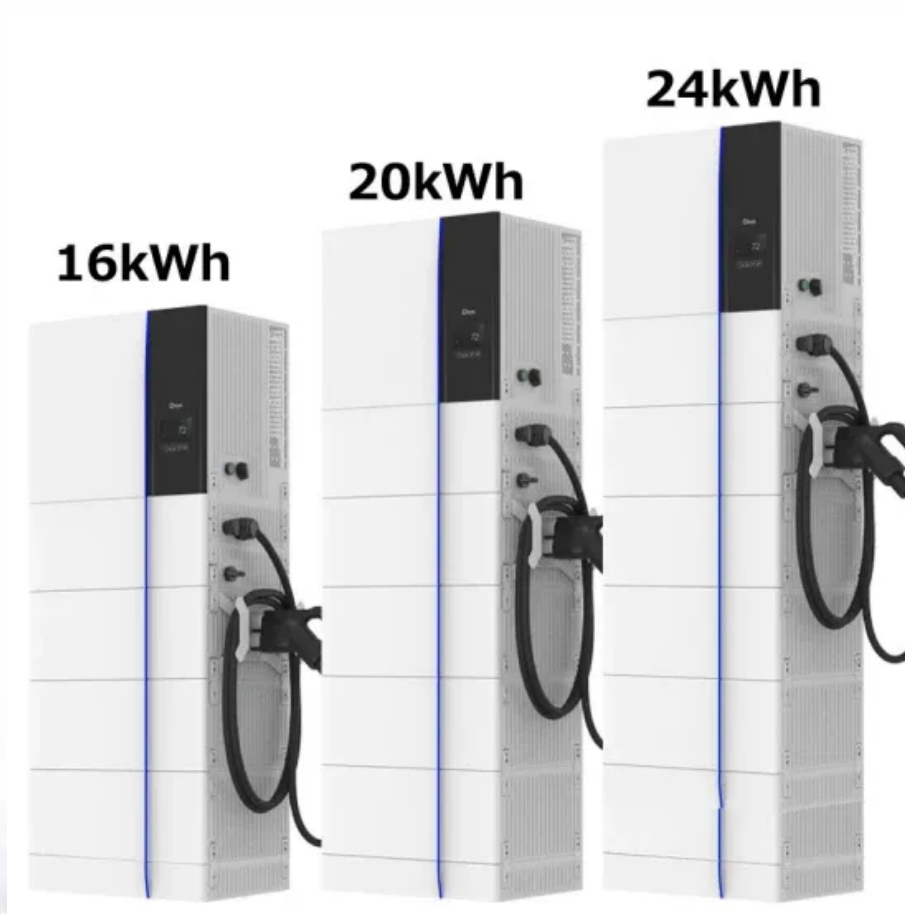


SolarInnovate Energy Solutions

Where are the Syrian mobile communication wind power base stations



Overview

How many wind surveillance stations are there in Syria?

Currently, installing wind surveillance stations is increasing in the promising areas gradually by installing 25 stations. There are many projects under construction in different Syrian areas such as: Higani, and Sughni with 50-100 MW for each location. Now companies wishing to execute such project are being evaluated.

Is there a wind potential in Syria?

Notably, there are many projects under construction now, which will support electric net by 2600 MW nearly. Theoretical wind potential in Syria is estimated by 80000 MW nearly. By primary evaluation of promising areas, we find that the actual wind potential is close to theoretical one.

How many hours a year do wind farms operate in Syria?

In case wind farms of 2500 MW capacity are installed in areas of appropriate wind speeds in Syria in accordance with wind data in such areas; and presumably , such stations will operate 2500 hours annually on average out of 8760 hours annually .

Why is wind energy investment important in Syria?

So the great importance of wind energy investment in Syria, especially in the Al-Harah and the Gbaghb regions. The results show that the E70 71m 2300 kw is the optimal turbine in all areas (from the places under consideration), both in terms of the highest efficiency and the lowest energy cost.

What is the solution to Syria's energy problems?

Various studies show that the remaining oil and gas reserves are limited, and most deposits are difficult to recover . The solution to Syrian energy problems is possible with the large-scale development of renewable energy (primarily solar and wind).

How much SYP does Syria need?

Everyday Syria needs 500 million SYP as a fuel cost for electric generation stations, which is equal to 170 billion SYP per year. There are 5.3 million subscribers, each of them receives annual subsidies of 320 US\$.

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