THE USE OF NON-CONVENTIONAL ENERGY SOURCES IN URBAN DEVELOPMENT

Abdurahmonov Adxamjon Sultonboevich
Senior Lecturer, Namangan Engineering Construction Institute. 160103, Uzbekistan, Namangan, st. Islam Karimov-12

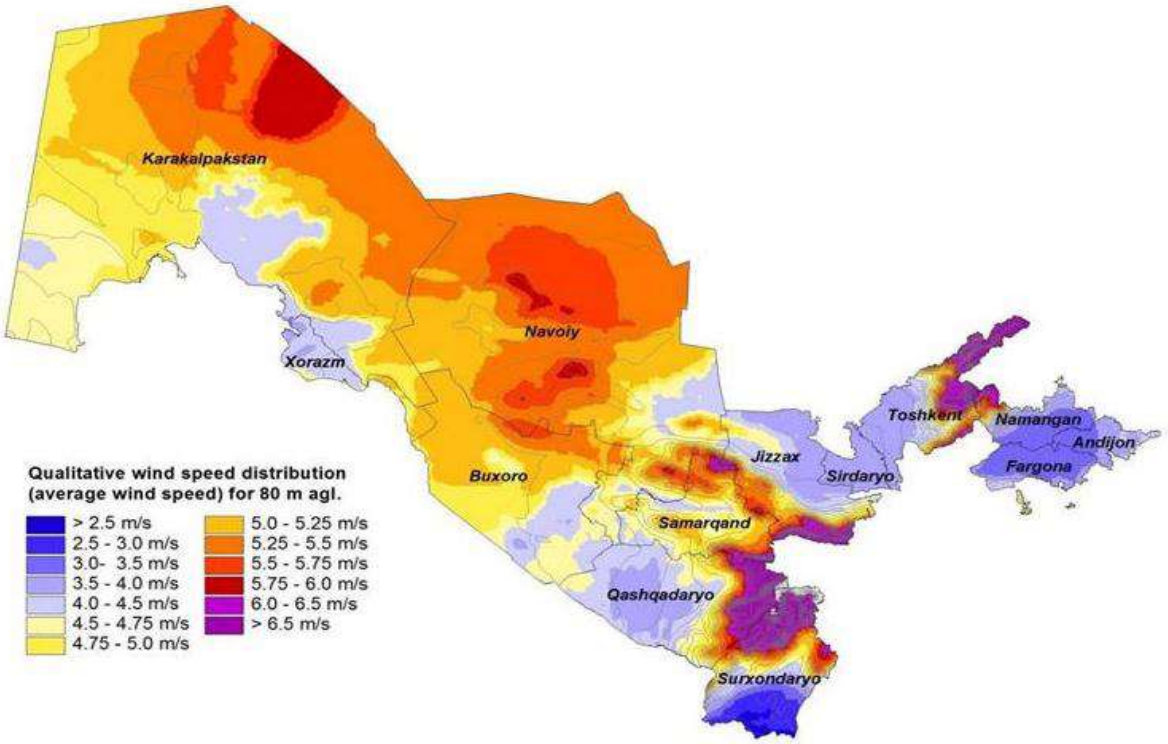
D.B.Olimjonov
Student, Namangan Engineering Construction Institute. 160103, Uzbekistan, Namangan, st. Islam Karimov-12

S.F.Shamsiddinov
Student, Namangan Engineering Construction Institute. 160103, Uzbekistan, Namangan, st. Islam Karimov-12

M.Zikriyoxujaeva
Student, Namangan Engineering Construction Institute. 160103, Uzbekistan, Namangan, st. Islam Karimov-12

Efforts to make efficient use of renewable energy sources are gaining momentum around the world. One example of this is the fact that June 15 is celebrated annually as World Wind Day.
The festival is initiated by the World Wind Energy Council and the World Wind Energy Association. The purpose of celebrating this day is to draw the attention of the world community to the potential of wind energy.
The theoretical total hydropower potential of the country's rivers is 88.5 billion kWh, of which the total technical hydropower potential is 21.09 billion kWh. kWh.
Currently, 25% of the technical potential of hydropower (5.5-6 billion kWh per year) is used.
The total potential of solar energy in the country is more than 700 billion kWh.

Total potential of wind energy
As a result of research conducted by German experts in 2021, the total potential of wind energy in the regions of the Republic will reach 400 billion. kWh is estimated to be more than.
Wind map of the Republic of Uzbekistan



The development of wind energy will play an important role not only in solving the problem of electricity supply, but also in solving the economies of nations and environmental sustainability around the world. Extensive research on wind energy is being conducted around the world, and wind power is developing rapidly in more than 80 countries. □1□

Documents on behalf of the Government of the Republic of Uzbekistan Investment agreements signed on January 24, 2021 between the Ministry of Investment and Foreign Trade, International Company for Water and Power Projects (Saudi Arabia) (hereinafter - the Investor) and the following project companies confirmed:

ACWA Power Dzhankeldy Wind LLC, established by the Investor as part of the investment project "Construction of a wind power plant with a capacity of 300-500 MW in Peshku district of Bukhara region";

ACWA Power Bash Wind LLC was established by the investor as part of the investment project "Construction of a wind power plant with a capacity of 500 MW in Gijduvan district of Bukhara region."

Investors and project companies have made commitments to:

design, financing, construction and operation of wind power plants during the entire period of investment projects;

to attract foreign direct investment in the total initial estimate of $ 650 million, taking into account the potential risks associated with each investment project.

Agreements on the purchase of electricity, signed as a result of direct negotiations between JSC "National Electric Networks of Uzbekistan" and the project companies, were also approved.

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