



**THE ROLE OF RENEWABLE ENERGY IN THE DEVELOPMENT  
OF THE "GREEN ECONOMY"**

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**ABSTRACT**

This article provides information about the essence of the renewable energy source and the work carried out in Uzbekistan.

**KEY WORDS**

renewable energy, environmental sustainability, environmental problems, "green economy", electricity, solar panels, "green" transition.

**Introduction**

"Green energy " is becoming an urgent topic today not only in Uzbekistan, but all over the world. Looking back on history 50 years ago, the international energy crisis forced most countries to reconsider measures to reduce energy consumption and save energy to their economy. All natural energy source reserves identified in the world allow energy needs to be met throughout the next year if the current level of energy is'temol is maintained.



"Green energy" is developing in its rapid images in all regions of the world. In particular, in 17 countries, the energy capacity obtained from the sun and wind (excluding hydropower) exceeds gvt, and in ta countries-gvt. We also take into account hydropower, in which more than 90 countries have GVt, and in 30 countries there are more than 10 gvt of renewable capacities. 150 million in developing countries of Africa and Asia. A person will be able to use solar energy.

Special attention was also paid to the constant increase in demand for electricity in exchange for the development of entrepreneurship and the increase in the well-being of the population in the reforms carried out in our country towards the establishment of a new Uzbekistan. In particular, for the 24th purpose of the new Uzbekistan development strategy for 2022-2026, the continuous supply of electricity to the economy and the active introduction of green economy technologies to all sectors,

increasing the energy efficiency of the economy by 20%, increasing the electricity production rate by an additional 30 billion kWh by 2026, bringing the total to 100 billion kWh, By 2026, the task is to save nearly 3 billion cubic meters of natural gas per year in exchange for increasing the share of renewable energy sources to 25%.

The decision of the head of our state "on measures to accelerate the introduction of renewable energy sources and energy-saving technologies in 2023" PQ-57 was an important step in ensuring energy deficit in the regions of the Republic by increasing energy efficiency.

With this decision, to adopt regulatory documents in the field of technical regulation on equipment, equipment, raw materials, components and their spare parts for the organization of energy supply to customs authorities on the basis of renewable energy sources, to take effective measures to prevent the import of solar panels into the territory of the Republic that do not comply with the established standard requirements, to, important tasks and tasks were given, such as making proposals to simplify the import of solar panels.

The stability of electricity, which is directly dependent on economic development and the well-being of the population, and the demand is constantly increasing, largely depends on the expansion of the use of renewable, including solar energy, both today and in the future. Therefore, most developed and developing countries place priority on this issue.

Currently, the top five largest solar power generating nations include China (340 gigawatts), the United States (102.9 gigawatts), Japan (78.5 gigawatts), Germany (62 gigawatts), and India (57 gigawatts). In a notable aspect, three of the strong five countries in this regard are representatives of our continent. Statistics show that during 2022-2023, 409,803 solar panels worth US \$ 54.3 million were imported into our republic.

During the past 2022 year, 35.5 million imported in Tashkent City. US \$ 2.1 billion in solar panels. if the exemption from the customs duties of the sum was applied, then for the last period of 2023 1.2 billion. soums were granted.

## **Conclusion:**

Of course, the major projects carried out to ensure the stability of electricity, the impressive measures taken will serve the economic stability of our country, and ultimately, the well-being of the population. After all, green energy is the best solution for any country aiming for economic development in a situation where natural reserves are decreasing and demand is increasing.

Improving energy efficiency will be important in the transition to a green economy. This helps to ensure energy security by reducing energy expenditure, applying green energy methods and using resources around us on a regular basis. It also allows us to maintain our natural capabilities in quality time and find solutions to many of the problems of Man and nature. This would be necessary for our transition to human and nature conservation cooperation.

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