

THE IMPORTANCE OF RENEWABLE ENERGY FOR THE REDUCTION OF THE NATURAL GAS DEPENDENCE

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Renewable energy is the energy of the future: safe, clean and environmentally friendly. It can be provided with the sun, the wind, the sea, and the plants. People may be independent from the natural gas and even nuclear power. While the nuclear plants produce more energy, they are still dangerous. Natural gas will disappear some day, and it is one of the biggest sources of the CO² and other greenhouse gases, which release during the burning. Thus, people should have the steady way to have as much electricity as they need for living and developing.

Alternative energy is available and reliable thanks to nature. Various types of renewable energy sources can be developed in Ukraine these days, due to its geographical position. Some of them, such as the sun and wind energy, are widely used not only by large energy producers, but also by farmers and owners of the private homes. An increasing number of people see many benefits in the development and use of the renewable energy. Ukraine has made great progress on renewable

energy over the past few years. This is one of the government's priorities because of its potential and high value to reduce reliance on natural gas. Especially after the attacks of Russian missiles on the Ukrainian energy system, the importance of the development and renovation of the solar power stations throughout the country is greatly increased.

According to Joseph Majkut (2022), Ukraine set a goal to source 25 percent of its total energy mix from renewables by 2035. It is an ambitious target that would depend on sizable investments in wind and solar (Majkut 2022). Sure, Ukraine has a lot of work to do in this way, but such policy is a very good signal not only for citizens of the country, but to the European Union as well, because Ukraine is one of the energy providers for Europe.

So, the increasing amount of the renewable energy in Ukraine can become the safe way to the stable energy system not only for Ukraine, but for the EU as well. It can highly reduce the using of the natural gas and will be greener and safer for the environment than the other kinds of energy.

Reference:

Majkut, J. (2022). Opportunities and Challenges for Renewable Energy Generation in Ukraine. Retrieved from <https://www.csis.org/analysis/opportunities-and-challenges-renewable-energy-generation-ukraine>.