

Renewable energy sources and modern trends in their utilization

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Finding and fully exploiting alternative sources of renewable energy is becoming especially important in the modern world. While the supply of non-exhaustible resources is decreasing, and their extraction causes great damage to the environment, the use of non-exhaustible resources becomes even more necessary. There are five main sources of renewable energy: solar energy, wind energy, hydropower, biomass energy and geothermal energy. Renewable energy sources have been put on the world agenda since the level of carbon in the atmosphere has increased significantly. It is important to convert inexhaustible resources into energy resources such as heat, electricity or fuel. It is also interesting how and in what form they are utilized in Georgia.