

NEW ENERGY DEVELOPMENT UNDER BACKGROUND OF ECOLOGICAL ENVIRONMENT PROTECTION

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Abstract: The development of China's economy has promoted the improvement of the national comprehensive strength, and in the process of development, China's demand for various energy sources is also gradually increasing. The use of traditional energy will not only lead to less and less energy resources, but also cause serious damage to the ecological environment. China began to pay attention to the protection of the ecological environment. Relevant departments have also taken all kinds of effective measures to promote the development and utilization of new energy, aiming to reduce the impact of traditional energy mining and use process on the ecological environment, which is conducive to improve the quality of environment in China. Therefore, it is necessary to conduct in-depth research on new energy development under the background of ecological environment protection. This paper analyzed the new energy development under the background of ecological environment protection, in order to promote the development of the ecological environment protection work in China.

Keywords: Ecological environment protection; New energy development; Sustainable development

1. INTRODUCTION

In the rapid economic and social development, China's ecological environment has been affected varying degrees of damage. Ecological and environmental protection work must be in harmony with social Continuous development is closely linked. Economic development will inevitably consume a lot of energy source, China's traditional energy resources have become increasingly scarce. therefore, Relevant departments must attach great importance to Continuously strengthen the development of new energy and Only in this way can the environmental pollution caused by energy consumption be reduced.

2. THE RELATIONSHIP BETWEEN ECOLOGICAL ENVIRONMENT PROTECTION AND NEW ENERGY DEVELOPMENT

General Secretary Xi Jinping once pointed out at the National Ecological and Environmental Protection Conference, The ecological environment is a major political issue related to the mission and purpose of the party. Too Major social issues related to people's livelihood. In terms of ecological environment protection, the China has always attached great importance to the development of new energy, and the development of new energy and utilization are listed as one of the important tasks of ecological environment protection. Chinese scientific research People have always attached great importance to the development and utilization of new energy. new energy Development and utilization are important prerequisites for protecting China's ecological environment. And a good ecological environment is also conducive to the smooth progress of China's new energy development work, this creates a virtuous circle. But in the process of China's development, there are still some people who want to get A little bit of interest and make behaviors that damage the environment, in order to destroy the ecological It is not a long-term solution to achieve development at the expense of the environment. ecological environment The destruction also slows down the development and utilization of new energy to a certain extent. Spend, Therefore, we must correctly view the relationship between new energy development and ecological environment protection. relationship between. Only by speeding up the development of new energy and ensuring the ecological environment The environment is not destroyed, Effectively carry out new energy on the basis of a good environment Only by making use of it can we promote the further development of China's economy and serve China lay a good foundation for the country's sustainable development.

3. THE SIGNIFICANCE OF ECOLOGICAL ENVIRONMENT PROTECTION AND NEW ENERGY DEVELOPMENT

Nowadays, many people have no idea about ecological environment protection and new energy development. Deeper awareness and understanding. Naturally formed ecological resources are very and nature itself has certain limitations. most Natural resources are not capable of regeneration, Regeneration of some natural resources requires It takes a long time. If natural resources are over-exploited, capital source will be exhausted. Therefore, in the development, we must pay attention to the harmony with nature. maintain a harmonious relationship [1]. During the past years of development, China blindly develops its economy, neglect of the protection of the natural environment, Pursue in business While benefits and benefits, The ecological environment has been greatly damaged. Many enterprises recklessly use industrial and agricultural wastewater, Waste discharges into rivers and in the air, A large number of forests have been cut down, It was converted into a factory building. these broken The phenomenon of bad natural environment has been common in the past few decades, People's living environment is getting worse and worse, Many people also suffer from more

serious disease. Therefore, at the present stage of development, These experiences and lessons must be learned, Find economic development and environmental conflicts in environmental protection, and formulate reasonable and effective protection measures, to avoid the recurrence of behaviors that seriously damage the ecological environment. Sacrifice environmental development economy is not desirable, This is very detrimental to China's sustainable development. The development of enterprises must be based on the protection of the ecological environment. For example, when an enterprise selects raw materials for products, Environmental pollution should be chosen as much as possible smaller and less resource-intensive raw materials, In this way, the maximum possible protect the environment. During development, Pay attention to the development of renewable and environmentally friendly energy, The development of environmentally friendly new energy can not only solve China's resource problems, To minimize environmental pollution as much as possible, This has practical significance for China's development.

4. AN OVERVIEW OF CHINA'S ENERGY SITUATION

China has a large land area, With abundant natural resources, but by With a large population in China, The average amount of resources is relatively small, plus geographical points Uneven cloth, The utilization rate of various resources has not been effectively improved. Lift. besides, In the process of mining various resources, ring The problem of environmental pollution is becoming more and more serious. China attaches great importance to economic construction, There has been a lack of strong regulation of environmental damage in the past. protecting the environment In the process, due to the lack of technological innovation, Various high-efficiency clean energy technologies The application efficiency of the technique has not been improved. According to expert predictions, In the future development, China's energy imports will continue to increase. this Such a status quo is not conducive to China's long-term development, nor is it conducive to China's country's energy security. Therefore, China must immediately carry out the development of new energy develop and utilize work, To ensure that China's future development will not be subject to foreign. In the context of the new era, China must have strong worries consciousness, Recognizing the importance of ecological environment protection, Continuously promote new energy source development and utilization, Only in this way can the new energy industry be promoted Further development [2].

In the early stage of China's reform and opening up, due to the relatively weak economic foundation, In the process of development, the country has to sacrifice part of its resources for economic development. the price. But now that China's comprehensive national strength is getting stronger and stronger, China is not can continue to walk the old road before, It is to promote the balance between economy and ecology in the process of development, We need green water and green mountains, But also gold and silver. Under this concept of development, The development of new energy will surely become China's. The main direction of future development. 21st century, people's life rhythm accelerate, People living in big cities yearn for a green ecological environment more and more territory. The construction of a new energy society is precisely to meet people's needs, establish To build connections between cities, make up for the lack of energy, promote economic development to a certain extent. In exploring the road of harmonious coexistence of ecology and economy, New energy must of course, it is one of the important entry points. Development characteristics and current stage of new energy. China's economic development situation is consistent. Under the new normal, necessarily Accelerate research work on new energy sources. China's economic growth rate in recent years faster and faster, Urban economic development is almost doubling the rate of growth, This has also promoted the transformation of the consumption pattern of Chinese residents. in meeting the comfort The premise, People are increasingly pursuing personalization and diversification. China owns have an appointment 1.4 billion people, has a very vast territory, from east to west, from the south to the north, All have different resources. China should do on this basis good ecological environment protection and new energy development work, In-depth development of the ecological environment Educational work on environmental protection and new energy development, Let more and more people understand the development direction of China's environmental protection industry and new energy industry, make them recognize and realize the importance of environmental protection industry and new energy development industry [3].

5. NEW ENERGY DEVELOPMENT UNDER THE BACKGROUND OF ECOLOGICAL ENVIRONMENT PROTECTION

For ecological and environmental protection work, On the one hand, we must establish environmental awareness, On the other hand, it is necessary to promote the development and utilization of new energy sources. the economy in China To develop, it is necessary to use energy, In order to protect the ecological environment, strengthen The use of new energy is an inevitable trend. solar energy, wind energy, Geothermal Energy The use of new energy such as energy can reduce environmental pollution, and the country should In this regard, "strike hard, Digging Deeper" to protect China's ecology Provide basic support for the development of new energy sources for the environment.

5.1 Solar Energy Development and Utilization

Solar energy development and utilization refers to the use of solar panels or other The heat energy generated by the sun is collected by the device of collecting solar energy, after Convert it into a form of energy that can be used by people. but at this stage China's utilization rate of solar energy is generally low, Solar energy is only harnessed In terms of solar heating and solar street lights. China's future science technology development, Inevitably, the utilization rate of solar

energy will continue to increase. example like, Utilize solar energy in vehicle systems and solar cars. sun Energy cars can replace traditional gasoline cars, This will reduce the car Air pollution caused by exhaust emissions. The utilization of this new energy Better protect China's ecological environment.

5.2 Wind Energy Development and Utilization of Geothermal Energy

Nowadays, many areas in China are based on climatic conditions, Choose to Harness Wind Energy to generate electricity, This reduces the supply pressure of many power companies, and also It can greatly improve China's energy utilization rate. Wind energy in China has has been widely used, Can well satisfy people's production and production living power requirements. For example, the utilization of new energy from wind power, just wind Wind energy can be collected by installing electrical devices in open areas. Will the wind It can be transformed into the electric energy needed by people to produce and live. Compared with traditional energy sources, Wind power generation can not only save costs, more able to reduce the ecological damage to the environment. Wind energy is abundant in nature, wind power can Enough to solve the problem of large power consumption, will not cause damage to the ecological environment. On the contrary, it will curb the greenhouse effect to a certain extent less natural impact of disasters [4].

Whenever the northern part of China enters winter, The temperature will suddenly drop, Many areas will start to use heating. The traditional heating method in China is By burning coal to meet people's heating needs, but coal burns CO₂, SO₂ and other gases released during the process are not only harmful to human health, The damage to the ecological environment is also very serious. Therefore, Chinese researchers Research on the development and utilization of new geothermal energy, This is to improve the current It has a positive effect on China's heating dilemma. geothermal energy from the earth's crust obtained natural heat, Compared with traditional heating methods, The benefits of geothermal energy It can save a lot of heating costs, and at the same time, it will not affect the ecological environment make an impact. This is a new type of clean energy, use in China The scope is wider. especially in building heating, geothermal The application of energy can solve the problem of heating in winter.

5.3 Development and utilization of other new energy sources

In China's continuous development, To promote economic and ecological environment balance, It is necessary to carry out vigorous innovation, Continuously develop and utilize various new energy, such as biomass, Natural gas hydrate, etc. Biomass energy in The scope of application in China is also very wide, mainly in rural areas use, This is due to China's vigorous promotion of biogas technology in rural areas, The utilization of this energy is already very mature in rural areas. In addition, China also uses biomass energy in the development of biodiesel, Although still A relatively complete system has not been formed. But in the future development has better Prospects. At present, China is very advocating the use of clean new energy, cross More and more scientific researchers have also invested in the research and development of new energy, This will not only improve the level of scientific research in China, more able to contribute to China's development development to provide more environmentally friendly new energy [5].

6. CONCLUSION

Ecological environment protection and new energy development are of great importance to China's development. to influence These are also two major issues that China attaches great importance to in the current development. If China wants to achieve sustainable development, must protect the ecological environment under the premise of promoting economic development, And this involves the use of energy. The development and utilization of new energy is closely related to the development of China's economy. exhibition, Therefore, attention must be paid to the development of new energy sources. Nowadays, with the continuous development of science and technology in China, More and more new energy sources are used in people's life to the application, such as solar energy, wind energy, Geothermal Energy, The development of these energy sources not only provides great convenience for people's life, but also reduces the Less environmental pollution caused by production and development, This is not only very beneficial to China 's development, It can also meet the needs of economic development, protect environment, It is an effective measure to promote China's sustainable development. In future development, China should strengthen the development and utilization of new energy.

COMPETING INTERESTS

The authors have no relevant financial or non-financial interests to disclose.

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