

Analysis of Strategic Management System of Development of Carbon Peak in New Energy Industry

Pu Zheng

Hohhot Vocational College, Hohhot 010000, Inner Mongolia, China.

Abstract: At present, major countries and regions attach great importance to the development of new energy technologies, and continue to increase investment. New energy technological innovation and destructive energy technology breakthroughs have become an important means of continuously changing global energy patterns, adopting global carbon and action. Transforming low-carbon, zero carbon energy, rebuilding the modern energy system, is a sustainable development goal of the United Nations, and it is an inevitable choice for global climate change to promote "green recovery" after the global economic disaster. As the only way to achieving carbon peak and carbon neutrality, new energy and renewable energy will accelerate to become the mainstream of the energy system. This energy transformation will bring major innovation in energy knowledge and technical system, promote basic theory, technical chain and industry forms.

Keywords: Carbon Peak; New Energy Development Strategy; Management Analysis

Introduction

Adhere to the two directions in energy conservation and reduce development, comprehensive treatment of development and emission reduction, and better use the manner of reform and development to promote production and supply, comprehensively reduce carbon emissions and pollution, and strive to lead the emission reduction process with green low-carbon development, focus on development New energy, promote economic transformation and high quality development, improve proportion, marketization and high quality development.

1. Establish a new development pattern through carbon peak action

1.1 Carbon peak and carbon neutrality provide strategic opportunities for industrial structure optimization upgrades

Carbon peak and carbon neutrality brought unprecedented pressure to China's industrial structure adjustment, it has also created a major strategic opportunity for industrial structure optimization and upgrading. First, the whole society has a wide consensus on green low-carbon development. China is incorporated into the overall layout of ecological civilization into the overall layout of "five", establishing a new development concept of green development, unswervingly walking ecological priorities, roads, governments, enterprises, and society to achieve carbon peak and carbon neutrality. The consensus of the goal will form a powerful synergy. Second, traditional industrial energy efficiency is huge. China's traditional industries are huge, and the proportion of fossil energy in energy structure is high. The proportion of coal consumption is still more than 50%, and the energy utilization efficiency is low, and the potential to promote fossil energy is huge. The third is the "post-development advantage" of green development. China's industrialized urbanization starts late, new industrial capacity and urban infrastructure demand can be achieved by developing green production capacity and green infrastructure, avoiding the "lock effect" brought by traditional industrialized urbanization. At the same time, with the industrialization of the heavy industry as an important feature, the traditional manufacturing carbon emissions will continue to reach the peak and transfer

to the platform, the proportion of advanced manufacturing and modern service industry will continue to increase. The application of new information technology and green low-carbon technology is increasingly widely infiltrated to various industries, which will create conditions for achieving carbon peak and carbon neutrality, and bring huge green low-carbon transformation benefits.

1.2 Optimized upgrade of carbon peak and carbon neutrality to industrial structure

Carbon peak and carbon neutrality are inherently associated and have intrinsic links. If 2030, the higher the carbon peak value, it means that the more pressure in carbon in 2060 is more. Accelerating industrial structure adjustments, not only to reduce the number of carbon peak, but will also achieve carbon and create conditions for 2060. According to relevant research, the overall contribution of industrial structure adjustment in the future is more than 50%. Realize carbon peak, carbon neutralization, and put forward urgent requirements for industrial structure optimization upgrades. The focus of the three industrial structure is to improve the proportion of the tertiary industry, gradually reduce the proportion of the second industry; the internal structural adjustment of the second industry is to improve the low-energy energy and low emission industry while strict control of high-emission industries. The proportion; the focus of product structure adjustment is to improve the value-added value, thereby reducing the unit added value and carbon emissions strength. Adapt to carbon peak and carbon neutrality requirements, it is necessary to accelerate the development of modern service industries, enhance low-carbon development level of service industry; use high-tech and advanced applicable technological transformation to promote traditional manufacturing level improvement, strictly control high-profile energy emission industry Production capacity, develop strategic emerging industries; enhanced product added rate, producing more green low-carbon products.

1.2.1 Enhance the role of "green growth" in the new development pattern

Vigorously develop low-carbon environmental protection industry, guide low-carbon environmental technology innovation, solve low-carbon, low carbon, low carbon key technology, strengthen green, low-carbon technology innovation resources. Implement a low-carbon green industry chain to create new projects, cultivate and develop low-carbon green industries, create new motivation for new development models. Promote low-carbon green industries, industrial, agriculture and service industry depth fusion development. Utilize new technologies such as Internet, big data, and artificial intelligence, from the perspective of green supply chain, green products, major engineering projects, promote traditional high-end, intelligent, low-carbon industries, and promote green management, low Carbon environmental protection industry has become a strategic emerging industry in the development of national economic development.

1.2.2 Strict green low-carbon admission requirements

Strengthen the role of "green rigidity" in new development model. Adhere to basic constraints, with environmentally friendly red line, "three-wire" and planned environmental as a starting point, clarify the low-carbon admission requirements of industrial projects, provide requirements for regional planning, resource development, industrial layout, structural adjustment, urban construction and major project sites. Accelerate the release of standards for low-carbon industries, parks, low carbon enterprises, low carbon buildings, low carbon transportation. The business environment and regulatory services are optimized. Create a good business environment, strengthen law enforcement, and create a fair competitive environment.

2. Challenge for companies under carbon peak and carbon neutrality goals

Provision of carbon peak and carbon peak goals, not only reflects China's determination to achieve economic and environmental development, but also reflects the responsibility of a big country to address global environmental issues. However, to promote the double carbon goal, the parties need to work together, need to adjust the industrial structure,

companies need to change accordingly. Enterprises in the development process will be affected by the policy regime, but also for the green development of enterprises play a catalytic role, both opportunities and challenges.

2.1 Challenge for companies under double carbon goal

Under the "double carbon" goal, the monthly carbon emissions of enterprises are limited, the relevant departments must regularly report and verify emissions data. The company must ensure compliance during operation. As businesses require specialized staff to manage carbon emissions, input costs also increased in this area. If the enterprise cannot be in accordance with relevant requirements and standards to control carbon emissions, it will have a performance cost. Some large amount of carbon emissions, the pollution problem is serious business, if not change, society will be eliminated. Focus on technological innovation and business transformation, and actively explore the green low-carbon development path, which is a major challenge facing many enterprises.

2.2 Development opportunities of enterprises under double carbon goal

In the current situation of low-carbon and environmental protection, each industry has relatively large development pressure. Dual goal of carbon-intensive proposed carbon market also increased demands on corporate carbon emissions. By carbon pricing, it provides a time to upgrade some of the carbon-intensive enterprises. Small-scale carbon-emitting enterprises can also get additional benefits, promotion of energy-saving emission reduction goals, to create a good space for research, development and application of energy-saving technologies. This not only promoted the development of new energy industries to a certain extent, but also spawned a new industry in a changing environment in the industrial structure, can foster the development of related industries. Have a positive impact on the company's long-term business development and green.

3. Related recommendations to enterprises coping with situation under double carbon goal

3.1 Understand actual situation of enterprises themselves

In order to better cope with the current challenges and opportunities in the market environment, we must first understand the actual situation of China, good carbon inventory work, make sure to provide a reference for subsequent emissions monitoring and accounting. Corporate carbon emissions over the years to conduct a comprehensive review to ensure the integrity of data and information, establish a more comprehensive data system. In addition, through a detailed analysis of the relevant data, you can understand the relationship between carbon emissions of the relatively important enterprises. It can be used as key content regulation, combined with the specific circumstances of specific comments. It ensures a solid foundation for the development of strategic development goals of the restructuring of enterprises and low-carbon projects.

3.2 Establish carbon management system

Once companies understand the actual situation of their own carbon emissions, it is necessary to establish a sound management system in accordance with the relevant systems and standards. From the perspective of a low-carbon development, the company must achieve peak carbon and carbon-neutral goal. Establish a sound carbon management system, promote the coordinated development of various departments to control carbon emissions on the basis of the rational allocation of internal resources. It thereby increases the overall level of enterprise carbon management, effective internal control over the operation of the enterprise. In the development period, the company may set up a special leading group of low-carbon management, department heads selected as the main members and to ensure strict implementation of relevant national policies and systems. Full implementation of related work, to achieve internal scientific guidance, organized and planned to promote low-carbon work, perform supervision and inspection functions.

4. Conclusion

Implementation issues and the peak of carbon is carbon neutral enterprise must face. In the transition and development period, they face many opportunities and challenges. How to seize the opportunity to overcome is the focus of the study. In order to understand the actual situation, a clear development strategy, through practical measures to achieve emission reduction goals, focusing on carbon emissions management, starting from the system and management personnel to enable enterprises to quickly adapt to the current market environment, in research and development and application of green low-carbon technologies to provide basic support for the realization of green low-carbon technologies.

References

- [1] Zhang Youguo. Performance comparison of carbon intensity and total constraint: analysis based on CGE model[J]. World Economy, 2013(7).
- [2] Guo Ru, Guan Xiaodong help achieve the "dual carbon" goal[J]. Frontiers of Environmental Protection, 2021. 11 (4): 6.
- [3] Hu Qifan, Jiang Weifan, Yi Dongbo, Enterprise inventory pledge and production decision-making under the dual constraints of carbon emissions and capital[J]. Mathematics in Practice and Understanding, 2016, 46(18): 45-53.