

The relationship between power economic adjustment and power market

Gu Zheng, Yang Bo, Pi Xueyan

State Grid Liaoning Electric Power CO, LTD. Power Electric Research Institute, Shenyang, Liaoning110015, China

ABSTRACT. *Following the continuous progress of science and technology and the socialist economy, the electric power sector is also making rapid progress. It not only solves the difficulties and expensive electricity consumption in the past, but also provides comprehensive means for the people's harmonious life and production. In 2017, my country's electricity market has become the world's largest electricity market, and there is hope that it will double again in 2030. The electric power sector can only achieve the requirements of socialist economic progress through this rate of progress. Under the general situation of economic globalization, my country's electric power sector is also carrying out very drastic reforms. The power sector is gradually breaking the previous management model, and the key work has been changed to vigorously promote the progress of state-owned power companies. At the same time, it is recognized that companies with strong strengths at all levels such as costs have also entered the management of the power industry. In this way, it can break through the current monopoly of state-owned companies, and to a certain extent bring a new challenge to the state-owned power industry.*

KEYWORDS: *Power economy; power market; close ties*

1. Introduction

Following the continuous progress of the market economy, electricity has become a basic part of the daily life and production of the people at this stage, and plays a pivotal role in ensuring the production and life of the people. Following the continuous improvement of people's living standards, its requirements for power resources are gradually increasing. Following the gradual increase in the operation speed of the power sector, the current power generation methods in the power sector in my country have a great impact on nature and the ecological environment. Very serious damage. For example, in the process of power generation in the electric power sector, ecological damage will occur, coupled with the large-scale use of coal energy, will cause a large-scale lack of energy and non-renewable conditions. Under the current low-carbon economy situation, the power economy must meet the needs of the progress of the market economy, and then carry out effective scheduling work,

so as to obtain a more stable and safe operation mode. Under the general trend of economic integration, the power industry is also deepening its reforms, changing the traditional lax operation mode, and actively carrying out larger scales. Power companies with strong corporate power will transform their monopolistic power industry development model and strive to achieve a prosperous scene where a hundred flowers blossom and a hundred schools of thought resonate.

The progress of my country's socialist economy is promoting the efficient progress of most industries in the society. The most efficient and obvious one is the speed of industrial progress, but with it, the demand for electric energy is getting more and more serious. At the same time, most of the facilities and equipment based on power resources have gradually increased, leading to more and more serious demand for power energy. In this severe situation, the direction and trend of progress in the power industry have become more extensive. At this stage, my country's power market has always ranked first in the global power industry, and it has a growing trend. It is precisely because of this situation that most of the power industry began to emerge, making the competition in the entire power field more and more intense. If the power industry wants to survive and make progress in this fierce competition, it must carry out innovation and innovation in operating methods to enhance the industry's competitiveness.

2. Problems in the operation of electric power enterprises at this stage

2.1 Imperfect market mechanism in the power industry

The key component of my country's power industry is still state-owned companies, and a large part of the power to deploy power energy is still in the hands of the government. The role of the market system in energy deployment has not been greatly highlighted. This makes a lot of fixed investment in the field, very fast. Electricity funds are relatively high and the effectiveness is low. Faced with such a situation, the company must complete the power market system, scientifically deploy social energy, and solve the problems of unscientific deployment of power energy, low efficiency of operation, and uncoordinated supply. The positive role of the market economy system in the power industry cannot be rationalized. Development, which warns us to optimize the structure of social resources, promote economic diversification, unearth the unreasonable allocation of resources in the power industry and the uneven development of the power market, and actively solve them.

2.2 The phenomenon of overcapacity of electric energy is heating up

At this stage, because of the rapid progress of my country's socialist economy, society has increasingly higher requirements for electric energy, resulting in a lack of electric energy. In order to solve the problem of society's requirements for electric energy, the electric power sector has largely established fixed assets such as power plants and power grids. This blindly increases costs, even if the lack of electricity in

the society is suppressed in a short time, but this part of the new construction is ignored. Power plants and the processing work of the power grid after the economic downturn has caused the continuous operation of these fixed assets. This not only increases the use of funds, but also leads to a situation where the output of electric energy is too large. With the continuous advancement of society, scientific technology is also continuing to innovate and make breakthroughs. A part of new smart power grids are gradually being built, and the operation methods of power grids are more appropriate, scientific, liberalized, and diversified. Following the diversified progress of electric energy, the social and economic requirements for electric energy will be reduced, which has led to a continuous increase in the amount of electricity produced.

2.3 The power industry does not have a sound information management system

From the current point of view, the development of information technology is relatively rapid, and it has been fully utilized in the development of various industries. This not only improves the work quality of various industries, but also reduces the workload of industry practitioners. It is the development of social technology. A major change in the country. In the current development process of the electric power industry, staff have also introduced information technology in their daily work, but in fact, information technology has not demonstrated its real effect in the electric power industry. Modern society is a new type of information society. The power industry has not yet formed a sound information management system, which has caused many problems, such as untimely updating of information and data, imperfect information systems, and poor staff operations. Therefore, relevant staff should strive to change the status quo, actively carry out research on information management technology, and promote the improvement of the information management level of the power industry.

3. Strategies to strengthen the adjustment of power economy in the power market

From the current point of view, economic globalization is developing more and more rapidly, and my country's power market is also undergoing economic system reform. The power industry is directly related to the overall development of society and the daily lives of the people. At the same time, the power economy is also an important part of the national basic economy. It can be seen that the development of the power industry must meet the development needs of the market, and at the same time must be consistent with the development direction of the social and economic system. Power resources must be reasonably allocated so as to promote the powerful development of the national economy.

In order to carry out comprehensive adjustments to the power economy in the power sector, the most critical task is to accurately position itself based on the specific conditions and direction of progress in the field. At the same time, it is necessary to carry out adequate integration and improvement of the power market to

ensure that its own advantages are fully reflected, so as to achieve better deployment and improvement of energy. First of all, because the market competition in the power field is more intense at this stage, power companies must have a sufficient understanding of their own specific conditions, recognize their own characteristics, and maximize their strengths and avoid weaknesses, so that the power of products in the power field will be greatly improved. Then, when the company is positioning itself, it must carry out adequate review and understanding of all electricity markets, integrate and analyze the collected information, and use this as the foundation to achieve market development and market economic adjustment. The purpose of organic integration. In addition, the power economy is not an independent link, but is closely related to many other parts. The power economic system is a relatively comprehensive system. It must be developed in the future, and must be down-to-earth to seek survival, optimize the structure of the power economy, rationally allocate power resources, remedy losses, and promote the reform process of the market economy system. Speed up and enhance the competitiveness of the power industry. Therefore, the power industry based on the field, analyze it at a macro level, put one's own vision into a long-term perspective, and after reasonable deployment, scientific plans will further enhance the competitiveness of the power economy, and promote further progress in the power industry and even the entire power field.

Smart grid mainly refers to the use of scientific measurement technology, sensor technology, facility technology, decision-to-maintain system technology and management technology based on the two-way communication network platform, so that the power grid becomes smart, which can not only become more stable and safe, Can also become effective and used, which is the inevitable direction and trend of the later advancement in the power field. Therefore, the power sector must be enhanced. Looking at the degree of gravity at this level, and timely use of data technology, the electric power field can keep up with the pace of the times and achieve the goal of sustainable development. The main meaning of the concept of sustainable development advocated by society is to promote the development of all aspects of society while ensuring that the ecological environment will not be damaged. The main method of power generation in my country's power industry is to use thermal power plants. The main raw material is coal resources, which leads to deep consumption of coal resources. At the same time, this resource is still non-renewable. Coal combustion also produces a large amount of exhaust gas and waste emissions, causing environmental pollution problems. In recent years, people's awareness of environmental protection has increased, so the power industry has also promoted the improvement of power generation methods to reduce environmental pollution while completing the work. Under this overall trend, relevant companies in the power industry should strengthen research on the improvement of power generation methods and develop new energy sources, such as solar power and wind power, to promote the in-depth development of sustainable development and promote the long-term development of society.

4. Conclusion

On the whole, in the current market economy atmosphere, my country is also carrying out efficient influence work in the electric field, improving the deployment and use of electric energy, which plays a decisive role in my country's socialist economic progress. Based on the society and the market economy, the power sector is undergoing continuous and profound reforms, driving the progress of my country's economy, and carrying out adjustments to the power economy. It has also become an inevitable trend of the times. To ensure that it has a broader space for progress and obtain long-term benefits, it is necessary to take a long-term perspective, and adjust the power economy in the shortest time based on the progressive demand of the power market, thereby achieving more stable progress.

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