

Research on Construction of Financial Information System of Energy Enterprise Based on Green Environment

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Abstract. With the increasing globalization and the rapid growth of China's economy, the scale of environmental energy companies has continued to expand, and social requirements for financial management of environmental energy companies have become more stringent. In order to improve the efficiency and quality of financial management of energy-source enterprises, so as to ensure that the financial management of energy companies is in a normal operating state, thereby saving more costs for environmental-energy companies, it is necessary to analyse the current stage on the basis of reviewing the concept of informatization. The potential problems of financial management of Chinese energy companies have been explored in depth by putting forward specific innovative measures. Therefore, the construction of a new type of financial information system for green environmental energy companies has emerged. The construction of this information system is beneficial to environmental energy companies. More efficient and clean development of large enterprises, and further improvement of financial information systems.

1. Introduction

At present, the market competition of Chinese energy companies is extremely fierce, and their survival and development are severely challenged by the information environment. In addition, with the continuous development and prosperity of China's socialist market economy, the deepening of economic system reform, and the continuous adjustment of economic structure, the financial information management of energy companies has put forward higher requirements. Financial information management is one of the core links of the enterprise. Only by continuously adapting to the changes in the new environment, organically integrating new elements, and improving its core competitiveness can it be effective. Realize the healthy, orderly and sustainable development of financial information management of Chinese energy companies [1].

2. Characteristics and Necessity of Financial Information Management in Energy Enterprises

With the deepening of the reform of China's economic system, managers of energy companies have become more and more aware of the importance of information management of corporate financial content. The internal financial management of energy companies has the general characteristics of



financial information management, as well as the unique characteristics of its own industry. In general, the internal financial information management of energy companies has obvious macro and guidance in terms of management Goals. The Company's macro interests are the primary consideration for energy companies in their internal financial information management. The main purpose is to maximize the overall value of the company [2]; in the process of managing finances, the company's guidance will be considered to provide guarantee for the realization of the company's maximum economic benefits. Compared with other companies' financial relationships, energy companies are more complicated. Different from the ordinary company's operating organization form, energy companies usually adopt the property right operating organization form, which needs to be adopted according to the company's situation, so as to deal with more complicated situations. At the same time, the financial information management content of energy companies is not only related to the company's development goals, but also related to the company's business strategy and production indicators [3]. The production and operation of energy companies need to be based on financial informatization management. The company's financial informatization management can to a certain extent make decisions on major projects such as fundraising and investment of the company [4].

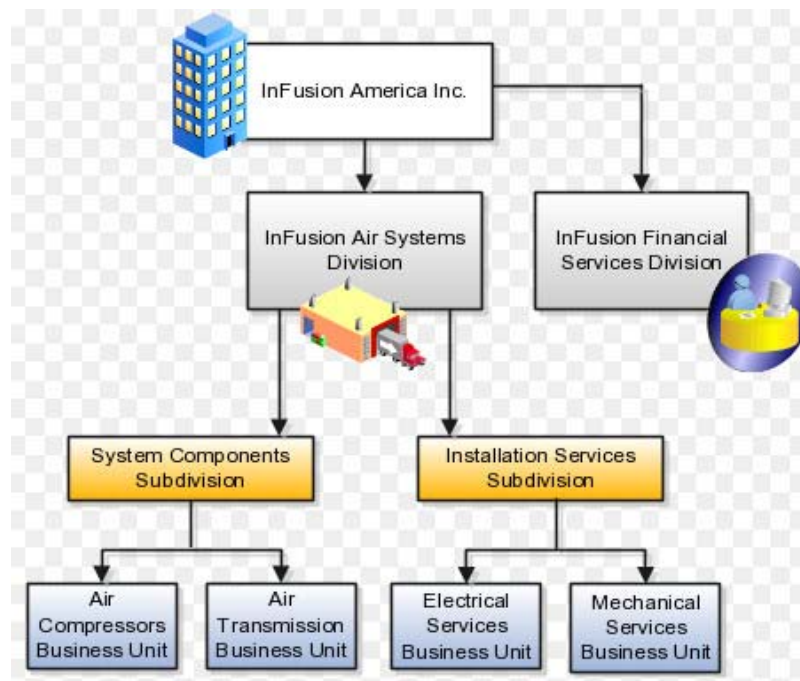


Figure 1. Analysis of the financial situation of energy companies

3. The meaning of financial information management of green environment energy enterprises

Financial information management of green energy enterprises is a kind of financial information management that needs to make full use of limited resources and comprehensively consider the profit of the enterprise [5]. Its purpose is to realize the maximization of enterprise value and the coordination and development of enterprises and society while protecting and improving the ecological resources and environment. The financial information management of the enterprise's green energy enterprise is a financial information management that considers the company's goals and social benefits and ecological and environmental issues from the perspective of capital movement [6].

3.1. Financial Information Management of Green Energy Enterprises

Green energy enterprise finance mainly refers to the determination, calculation, data collection and analysis of relevant financial values, while the meaning of green information enterprise financial information management focuses on the analysis and research of management policies related to the

financial operation of corporate funds; Green energy enterprise finance and green energy enterprise financial information management concept definition criteria and the role they play are also different. Specifically, green energy enterprise finance mainly focuses on the natural environment, social environment and natural resources due to the development of the enterprise. How to compensate for the negative problems caused by analyzing and studying the changes in the environment to provide relevant business decision-makers with the information needed for decision-making, while the financial information management of green energy companies mainly focuses on the use of financial funds and the profits of the companies To deal with the impact of the measures taken on the social ecological environment in this management process, we advocate the principle of sustainable development, so as to effectively combine economic and social benefits. In general, green energy enterprise finance is an important prerequisite and basis for financial information management of green energy companies.

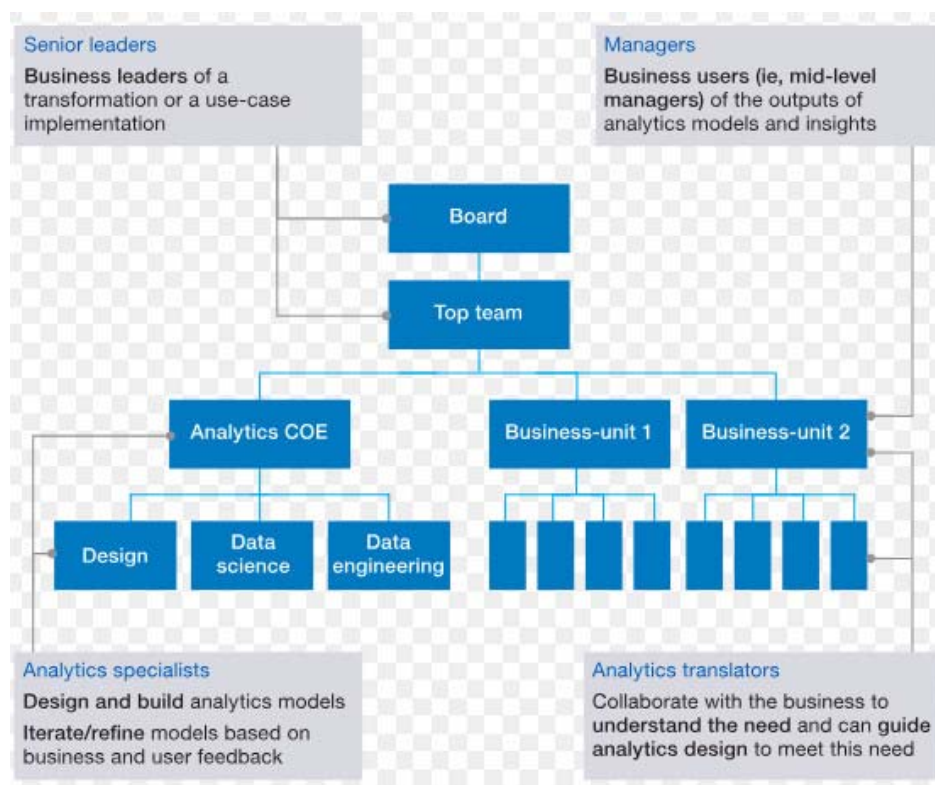


Figure 2. Financial Information System Components

3.2. Relevant Contents of Financial Information Management of Green Environment Energy Enterprises

Financial information management of green environment energy enterprises means that in the process of financial information management, enterprises should try to avoid causing damage to the ecological environment, and in the whole process of fund raising, use, consumption, recycling and distribution, the company will The concept of sustainable use of resources is integrated into various management links such as planning, organization, coordination, and control. It attaches importance to environmental resource costs and environmental resource benefits, formulates financial budgets for green energy companies, and establishes green assessment and evaluation systems. At the same time, it pays attention to the green image of the company, in order to surpass the bastion of world trade and enjoy a favorable position in further competition.

4. Analysis of the status of financial information management of Chinese energy companies

4.1. Weak management foundation for environmental protection energy companies

At this stage, China's energy companies generally lack a scientific financial informatization management system, and have a poor understanding of informative financial informatization management. One-sided thinking is that the so-called accounting computerization has achieved informative financial informatization management. Distorting the nature of happy informatization and financial informatization management. In addition, the current financial information management foundation of Chinese energy companies is generally relatively weak, which is reflected in the fact that its management is too decentralized and it is difficult to centralize management, which will cause capital loss.

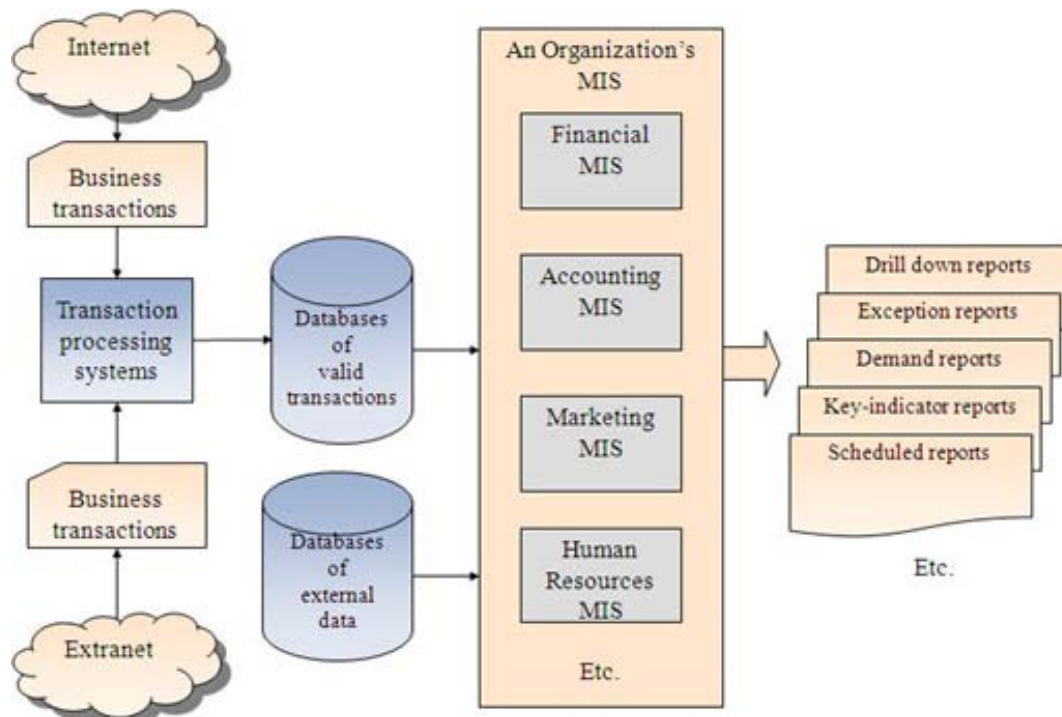


Figure 3. Financial Information System Process Analysis

4.2. Insufficient financial information sharing mechanism for environmental protection energy

At present, the financial information management information of Chinese energy companies is seriously asymmetric. This is because the financial information of individual energy companies cannot be effectively shared, which affects the entire operating process of the financial information system statistics and analysis of the energy industry. The traditional financial information management department of energy companies exists independently. Each enterprise has its own financial information management system and refuses to communicate with other companies' financial information, resulting in information occlusion and self-containment. However, the interests of various enterprises It is closely related.

4.3. Immature financial information management technology for environmental energy companies

Chinese energy companies generally lack the ability to independently develop financial information management technology. However, to achieve efficient financial information management, they must rely on strong technical support. The cost of introducing advanced foreign technology is too high, and it may not be consistent with the development of China's energy industry. The lack of high-quality talents in financial information management. In the information environment, social development requires more and more talents. Talents not only need to have strong professional skills, but more

importantly, they should have strong psychological qualities, innovative consciousness and innovative ability, professional ethics, etc.

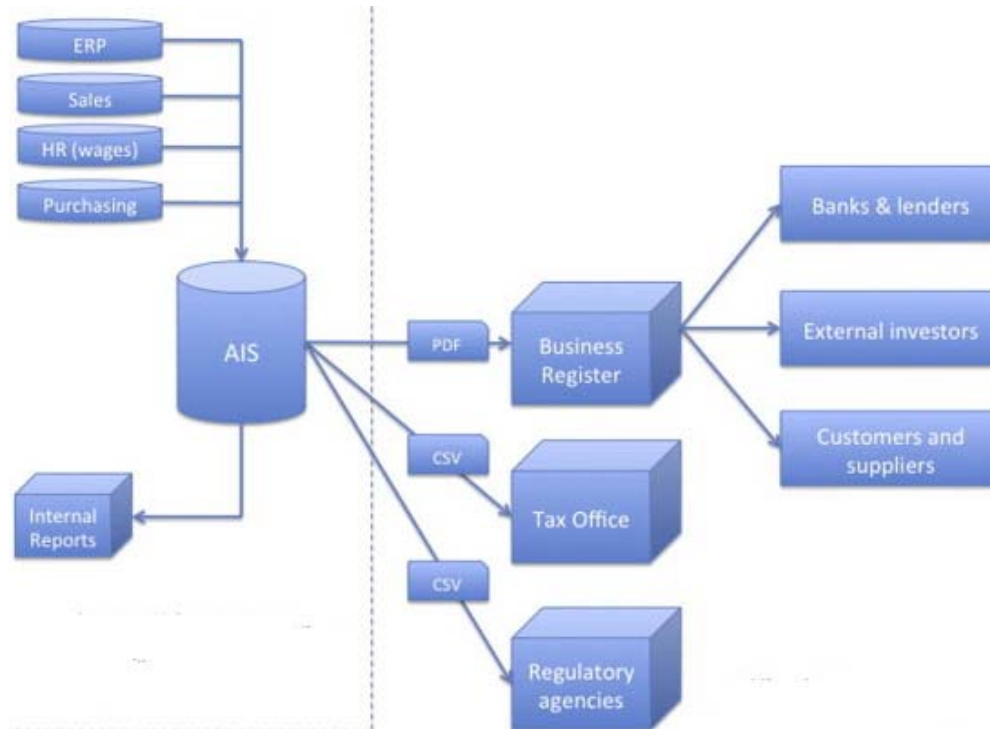


Figure 4. Energy Enterprise Finance System

5. The key technologies for establishing a financial information management system for green environmental energy companies

5.1. The key points of establishing a financial information system

When establishing a financial information management system for green environmental energy companies, the impact of the company's own economic activities on the surrounding environment must be considered, and some funds must be set aside for green costs. In addition, when companies conduct green fundraising systems, they usually have to do business with financial institutions such as banks and governments. When choosing some financial products, in view of the financial system of green energy companies, they can try to select some green stocks. And debts to raise funds for the enterprise. In this way, it helps to enhance the green image of the enterprise and also promotes the green value of the enterprise.

5.2. The key Technologies for Establishing Financial Information System Investment System

When establishing a green investment system for an enterprise, the enterprise must consider the green costs incurred during the investment process, and only continuously optimize the investment plan and direction within the enterprise.

The responsibility is not only to coordinate and control the related financial activities of the enterprise, but also to standardize the management of the financial activities carried out to ensure that the financial activities are carried out within a reasonable range. In addition, the financial manager's financial informatization management mechanism will be based on the premise of optimizing the allocation of financial resources and implement efficient management measures for related financial activities to ensure that financial informatization management plays an important management role. The

characteristics of the financial manager's financial informatization management mechanism are reflected in three aspects.

5.3. Establishing Financial Information Management System

Financial information management mechanism for general managers and employees

Implement financial information management measures for members of the enterprise group, with the financial information management mechanism of general managers and employees as the core, and take members as the main management subject, so that members have the right to decide and exercise financial information management. The financial management mechanism for managers and employees of an enterprise group is to effectively supervise the financial information management of members, and to play an active and coordinated management role, so that each member of the enterprise can perform financial performance assessment and financial management. Responsibility budgeting, thereby improving the operational efficiency and quality of financial information management of enterprise groups.

5.4. Establishing the key technologies for personnel training and construction of financial information system

China's role and status in the development of the world economy have become increasingly prominent. Enterprise groups should strive to build a team of financial personnel and a high-level and high-speed financial personnel system, which has become an important carrier for the healthy and rapid development of Chinese enterprise groups. According to China's development goals and directions, enterprise groups should focus on the future, speed up the construction and development of the financial personnel system, establish a combination of introduction and training, and establish an innovative financial personnel development structure, focusing on professional training within the structure financial talents to ensure efficient and smooth circulation of financial accounting talents. The financial work of an enterprise group is very complicated, and financial personnel not only have good financial information management capabilities, but also reflect good professional ethics. Financial information management work with the professional capabilities of compound talents can.

6. Innovation direction of financial information management of energy enterprises

6.1. Improve and perfect financial information management system

In the context of the information age, the financial informatization management of energy companies must have a scientific and standardized financial informatization management system, and it must comprehensively promote the reform of the financial informatization management system. The innovative methods can include: energy enterprise system we will adopt unified management methods, unified national standards, establish corresponding reward and punishment systems, and form a good financial information management atmosphere, so as to effectively implement centralized financial information management and reduce losses. Strengthen the awareness of information-based financial information management. Strictly distinguish between information financial management and accounting computerization. In the mind and concept, enhance the status of information financial management of information technology, create a good financial information management environment, and take information financial information management as the core. A series of management concept publicity activities to enhance people's awareness. In short, establish a sound and perfect financial information management system, lay a solid foundation for management, and achieve double strengthening in software and hardware.

6.2. Create Financial Information Management Information Sharing Mechanism

Change the traditional closed financial information management information exchange method, use Internet technology to realize information sharing, strengthen the connection between various departments, conduct real-time interactive communication, and ensure the authenticity, objectivity and

accuracy of financial information. In addition to strengthening the links between internal parts, energy companies must also strengthen their links with other enterprises, banks, and related administrative functions, which can be close to other companies' financial information management experience, bank funding support, and administrative functions. Policy support, comprehensive, safe and effective realization of financial information management information sharing, establishment of a public browsing platform, timely update of data, to facilitate the mutual reference of financial information management information of major enterprises, so as to achieve financial information management information balance to help businesses run healthier.

6.3. Strengthen the independent research and development mechanism of financial information management technology

Big data and cloud computing have become the main tools for people to obtain information in daily life, and the information Internet technology is relatively mature. With the promotion of new media technology, we can change the research method of traditional financial information management technology and observe the Internet in real time. The state of development of advanced technology, combined with the actual situation in China, has created a group of independent R & D teams for financial information management technology, drawing on foreign advanced technologies, learning more and more reference, and independently developing financial information management technology. Moreover, it is necessary to appropriately reduce the introduction of foreign technology, and between the introductions of foreign technology, we must first comprehensively consider whether it conforms to the financial information management of Chinese energy companies, and the application can be confirmed under applicable conditions.

7. Summary

In the information environment, energy companies' financial informatization management faces many challenges, and its innovation direction is roughly: establishing a sound and perfect financial informatization management system to lay a solid foundation for financial informatization management; establishing a financial informatization management information sharing mechanism; Strengthen the independent research and development of financial informatization management technology, comprehensively improve the comprehensive quality of financial informatization management talents, that is, follow the mass line, develop an innovative spirit, and form a good financial informatization management order, which can effectively establish green environmental energy enterprise financial information System construction.

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