

# How to do a Good Job in Water and Electricity Management in Colleges and Universities

Pengxiang Cui

Shanghai University of Sport Shanghai 200438, China

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## Abstract

This paper mainly studies the hydropower management work of colleges and universities, first expounds the problems existing in the hydropower management of colleges and universities, and then summarizes several suggestions for the implementation of hydropower management in colleges and universities, mainly including establishing a high awareness of energy conservation, improving the management and supervision system, and improving the management methods of hydropower management, aiming to promote the smooth progress of hydropower management in colleges and universities, so that all teachers, students and employees of colleges and universities can establish a high degree of ideological awareness of water conservation and electricity conservation.

## Keywords

Universities; Hydropower Management; Implementation Recommendations.

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## 1. Introduction

In the process of building conservation-oriented schools in colleges and universities, water and electricity management is one of the important implementation measures, which has become the top priority of logistics management of colleges and universities. For this work, it has strong technical characteristics and needs to consume a lot of funds, so it puts forward clear requirements for management work. At this stage, the scale of many colleges and universities is becoming more and more large, and the demand for water and electricity supply by relevant personnel has also increased significantly, so the upward trend of water and electricity bills is significant, and the relationship between supply and demand has a certain imbalance. Therefore, in the new era, it is crucial to strengthen the management of water and electricity in colleges and universities, which should arouse the great attention and attention of logistics management personnel of colleges and universities.

## 2. The Management of Water and Electricity in Colleges and Universities

### 2.1 Awareness of Energy Saving is Relatively Weak

#### 2.1.1 Consciousness is Thinner

Generally speaking, some schools in the use of water and electricity, its sense of responsibility is relatively weak, many teachers and students lack a good sense of conservation, and in some colleges and universities hydropower energy allocation and management, still based on the "practical report" method, that is, the national finance is responsible for the whole process, in the long run, it is very easy to waste more hydropower energy. At the same time, due to the continuous improvement of living standards, some members of the public lack of attention to hydropower conservation, coupled with the fact that the price of hydropower is not high, it is difficult to give a certain constraint to people's hydropower behavior, so the concept of conservation appears to be empty.

## **2.2 Lack of a Sound Management and Supervision System**

Under the influence of the comprehensive reform of colleges and universities, the campus area has been continuously expanded, covering more offices, dormitories, etc., the measurement supervision is seriously lacking, and the arbitrariness of personal water and electricity consumption is more serious, making it difficult to effectively supervise and control the consumption of water and electricity. At the same time, some colleges and universities lack of funds for hydropower facilities, equipment aging and corrosion phenomenon is more serious, although some hydropower management personnel to save water and electricity to give vigorous publicity, but violations are still often occurring, so it is difficult to ensure good management results, is not conducive to real-time follow-up of water and electricity management related rules and regulations, resulting in more and more expenditure on water and electricity. In addition, some university administrators lack a good sense of crisis and management concepts, lack of great attention to water and electricity saving work, and only verbally or paper, which is not consistent with the existing effect. The work authority of the department's logistics management mainly focuses on the transcription of water meters and electricity meters, and the actual power of hydropower management has not yet been put in place.

## **2.3 Establish a High Awareness of Energy Conservation**

In order to improve the level of hydropower management, can not rely solely on the management department, due to the current scale of colleges and universities continues to expand, coupled with the continuous increase in the student population and mutual influence, public places, as the main area of activity, so in the management of hydropower resources, the concept of safe use of electricity and water should penetrate into the whole school, the implementation of the principle of water and electricity conservation, vigorously publicize the plan to use water and electricity, and promote the formation of good campus habits. At the same time, a series of propaganda slogans can be hung on the campus, and the campus network, campus broadcasting and other tools can be flexibly used to create favorable conditions for the publicity and popularization of energy-saving laws and regulations and energy-saving knowledge [1], and it is also necessary to regularly carry out publicity and education theme class meetings to fully stimulate students' awareness of energy-saving publicity, so that students can highly clarify the role of water and electricity management and energy conservation. In addition, in order to continuously strengthen the effect of supervision and inspection, students should actively participate in it, through student management of students, you can constantly standardize students' water-saving and electricity-saving behavior habits, while giving students a certain degree of convenience in self-management.

## **2.4 The Management and Supervision System**

To analyze the hydropower management measures of the national government, we should vigorously maintain hydropower equipment and facilities, and strengthen the application of hydropower quantitative management models, starting from the actual situation of various universities, to provide a certain basis for formulating hydropower base prices. Moreover, a reasonable distinction should be made between the nature of water and electricity, the difference in charging standards should be reflected, and the metering charges should be strictly stipulated. At the same time, the use of water and electricity behavior should be continuously standardized, giving teachers and students a certain guarantee of reasonable water use, and then in the student dormitory, the flow restrictor should be installed [2], for corridors and aisle lights, half-wave power supply is very applicable, the rest of the place, should strengthen the implementation of quantitative drying. In addition, scientific management has a high application value, all teachers, students and employees should strengthen the penetration of energy commodity awareness, recognize the connection between energy conservation and economic benefits, social benefits, so as to give a certain institutional guarantee for hydropower operating costs.

## 2.5 Improve Hydropower Management Methods

In the process of continuous development of information networking, the application of hydropower management software should be strengthened, hydropower indicators should be continuously optimized, the construction of hydropower bills should be strengthened, and the perfection of the archiving of technical data should be continuously enhanced. At the same time, the application of integrated hydropower management systems should be strengthened and the efficiency of energy management should be continuously improved. In addition, for the hydropower management departments of colleges and universities, the introduction of high-tech energy-saving equipment should be implemented and the wide application of new energy-saving technologies should be strengthened, so as to be consistent with the needs of energy conservation, emission reduction and environmental protection. It should be noted that in the process of introducing new equipment and new technologies, strict testing, scientific comparison, and joint analysis of economic benefits and energy-saving efficiency should be carried out, and efforts should be made to steadily improve the efficiency of energy-saving work.

## 3. Literature References

In order to improve the level of hydropower management, we can not only rely on the management department, due to the current continuous expansion of the scale of colleges and universities, coupled with the continuous increase in the number of students and mutual influence, public places, as the main area of activity, so in the management of hydropower resources Section Headings[1].

To analyze the hydropower management measures of the national government[2], we should vigorously maintain hydropower equipment and facilities, and strengthen the application of hydropower quantitative management models,[3] starting from the actual situation of various universities, to provide a certain basis for formulating hydropower base prices.[4] Moreover, a reasonable distinction should be made between the nature of water and electricity, the difference in charging standards should be reflected[5], and the metering charges should be strictly stipulated.[6].

## 4. Conclusion

In all, in order to promote the smooth realization of the goal of building energy-saving universities, we should continue to innovate the hydropower management mode of colleges and universities, especially the task of hydropower management in colleges and universities is more arduous, so we should adopt feasible implementation methods and effectively implement the hydropower management work from the actual situation of colleges and universities, so as to avoid waste in college expenses. The key issue at present and in the future is to do a good job in management, formulate corresponding institutional guarantees, and ensure the implementation of various joint work.

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