

**Conclusions:** Nowadays, most children's students can learn very little from the traditional preschool curriculum system, and their parents attach great importance to their children's learning results, resulting in anxiety among many children's parents. In order to improve the teaching efficiency of children and reduce the anxiety of parents. The research combines K-means clustering algorithm and intervention experiment method, uses intervention experiment to provide basic psychological data, uses the way of adding deep learning to the traditional preschool education curriculum to improve the intervention experiment, and uses K-means clustering algorithm for classification analysis. The results show that with the increase of the time for the pre-school teaching courses after the improvement of the deep learning theory, the anxiety of children's parents shows a gradual decreasing trend, and the time of one to two weeks is the time when the anxiety score is greatly reduced. The results show that adding deep learning theory to traditional preschool education can improve the anxiety of parents, make children have higher learning efficiency, and improve the well-being of parents.

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## RESEARCH ON THE APPLICATION OF SUPERIOR PERFORMANCE MANAGEMENT WITH THE GOAL OF IMPROVING THE PERFORMANCE OF POWER SUPPLY ENTERPRISES AND THE PSYCHOLOGICAL ENERGY OF EMPLOYEES

Wei Tong

*State Grid Gansu Electric Power Company, Lanzhou 730000, China*

**Background:** Psychological energy, i.e., heart energy, is the impulse, courage, willpower and various characteristics of emotions, feelings and other psychological forces that drive people to be aware of their own needs and subjectivity and drive them to take appropriate behaviors on display. Mental energy is generated in two forms. One kind is the spontaneous generation of psychic energy in the appropriate psychological state. The other is that when a certain instinct is stimulated, the psychological energy associated with that instinct is stimulated. In psychology, psychological energy mainly studies the individual's perception of himself, individual's subjectivity, positivity and mental health condition, etc. For the employees of power supply enterprises, the psychological energy of employees is particularly important, not only affecting the psychological state and physical and mental health of individual and group employees, but also affecting the development of the enterprise itself. If an enterprise does not pay enough attention to its employees, especially at the psychological level, it will make the employees lack psychological importance in their work and fail to realize their own subjectivity, leading to a decrease in work efficiency. On the contrary, if power supply enterprises attach importance to the psychological energy of employees and enhance it, they can improve the enthusiasm of employees in work and other aspects, thus improving the performance of enterprises, and the benign development of enterprises can also make employees work more actively, forming a virtuous circle. Therefore, power supply enterprises should pay attention to the psychological energy of employees and formulate corresponding strategies to improve it.

The performance excellence management model is an effective method and tool for comprehensive performance management of organizations that is widely recognized internationally. This model is customer-oriented and pursues the management concept of performance excellence. The management of performance excellence includes seven aspects: leadership, strategy, customers and markets, measurement and analysis improvement, human resources, process management, and business results. The performance excellence model is not a goal, but provides a method of evaluation. In the current rapidly changing and unpredictable market environment, power supply enterprises will face competitive pressure and many different types of challenges, and it is a matter of importance for every enterprise manager to think about if they can keep the enterprise normal and upward development in the face of various challenges. In order to further improve the quality management of enterprises, the performance excellence management model of improving the psychological energy of employees should be adopted, and the impact of improving the psychological energy of employees on the performance of enterprises is also an issue worth studying.

**Objective:** To analyze and investigate the impact of performance excellence management strategy on employees' psychological energy level, in order to improve employees' sense of corporate identity and work motivation, so as to enhance the performance of power supply enterprises while safeguarding employees' psychological health and maintaining their positive psychological motivation.

**Subjects and methods:** 100 employees with similar basic psychological conditions were selected from the same power supply company and divided into two groups according to the principle of equal numbers. The experiment lasted for 3 months, and every 10 days during the experimental period, tests and data

analysis were conducted to compare various aspects of the psychological state of the employees of the two groups of companies, mainly including indicators of motivation to teach, their own job satisfaction, and students' evaluation of the teachers' teaching. The study used the above indicators as a self-made scale as a measurement tool to quantify teachers' actual satisfaction with their own work, with a score of 5 out of 5, with higher scores representing higher levels of psychological energy of the more employees in terms of work and other aspects.

**Results:** Table 1 describes the test results of the study's homemade scale before and after the two groups of power supply company employees received the experiment. It can be seen from Table 1 that the psychological energy levels of the employees of the two groups of enterprises were similar before the start of the management experiment, while the psychological energy levels of the experimental group increased significantly after the end of the experiment, while there was no significant change in the control group. After statistical analysis, it can be found that the psychological energy levels of the two groups showed significant differences ( $P < 0.05$ ) after the experiment, but not before the experiment.

**Table 1.** Test results of two groups of employees' mental energy before and after the experiment

	Before the experiment	After the experiment
Control group	3.25±0.89	3.56±0.93
Experience group	3.27±1.01	4.75±1.05

**Conclusions:** Employee psychological energy refers to the psychological state that employees can make their own cognition subjective and have a sense of identity with their work and the company, which plays an important role in the performance of the company and the psychological condition of employees. The study is based on a superior performance management model that emphasizes and enhances employees' psychological energy, and applies this model to the management of power supply enterprises. The experimental results show that this model can significantly improve the psychological energy level of employees in all aspects.

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## A STUDY ON THE INFLUENCE OF NOVICE EFL TEACHERS' DIGITAL LITERACY ON STUDENTS' LEARNING ANXIETY

Bin Xu

*Xi'an International Studies University, Xi'an 710128, China*

**Background:** Anxiety belongs to the category of "emotion" in psychology and is a special representation of internal psychology. The specific performance is that when individuals are difficult to achieve the set goals and overcome the obstacles and threats they encounter, their self-esteem is damaged or their self-confidence is frustrated, which leads to the formation of tension and fear. College students' anxiety also exists in the process of learning English. In the case of normal anxiety, students' attention can be strengthened, students' learning attitude can be corrected to a certain extent, and their thinking and thoughts can be more active and active, which is helpful to improve the effect of English learning. However, in the case of excessive anxiety, students' spirit and consciousness will be in a low state, and their concentration will be low, which will inhibit the effect of learning. Therefore, how to minimize the anxiety of college students in learning English, change their learning anxiety, tension and anxiety, and "save" them from the situation of self doubt and self denial has become a key issue for English teachers. English learning anxiety, as a very complex learning phenomenon, is related to many factors. For college students, the formation of this anxiety is not only influenced by the personality characteristics of college students and the form of learning activities, but also under the influence of teachers' teaching methods, teaching attitudes, language environment, cultural atmosphere and other factors, showing an aggravating trend, which restricts the motivation and effect of college students' English learning. The influence of anxiety on college students' English learning is obvious. First, English, as a foreign language, has a natural sense of strangeness to college students whose mother tongue is Chinese. Second, there are great differences between English and Chinese in grammar and other aspects, making learning more difficult. The existence of anxiety psychology is not simply internal, it will be externalized into individual behavior, and then affect the results of behavior. The anxiety psychology of college students in the process of learning English mainly exists in listening, conversation, text reading and writing. The anxiety psychology will disrupt students' English