

Management Strategy on preventing electricity-stolen Activities

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Abstract. Currently, our country power-stolen phenomenon still stands out in a certain scope. Power theft not only results in enormous economic loss to the power industry, but also poses a threat on the safety and reliability of the system power supply, leading to high line loss. suggestions of power supply enterprise. Aiming at the reason why public legal awareness is not strong and other issues, this paper puts forward to the power management measures such as installing multi-functional electronic billing list, cut-off property special metering box between power grid enterprises in YongDianHu or dedicated watt-hour meter box installed, in accordance with the standards of power construction installation proposal, provide the reference for the related personnel.

Introduction

Since reform and opening up, economic development and social progress in our country have scored remarkable achievements. With the development of economy, the growing demand for electricity, the expansion of power sales market and stimulate the development of the whole electric power industry. But with the development of economy and the increase of electricity consumption, power theft problem becomes more and more prominent, countries suffered huge economic losses. Power theft problems plaguing the development of the electric power enterprise not only, also seriously affected the country's economic construction and social stability. So, how to pay special attention to the reverse power grid enterprise, the author thinks that should obtain from the following several aspects:

The power current condition analysis

The causes of the formation of power phenomenon

Why do QieDianZhe power theft? Purpose is very clear, is to enjoy free access to electric power the worker's work achievement. Power is with the user's legal awareness, moral, social and economic development level, electricity price and the user to bear ability, the security reliability of electric energy metering devices, power marketing management level, personnel quality, handling of power theft and other closely related, is formed by many factors in focus together. Power of the specific reasons are manifold. Integrated over the past few years of work experience, I think power reason mainly has the following several aspects:

1) due to the present stage our country legal system construction level is not high, the legal consciousness of the masses is not strong, the electric power law of late again, many users of electrical goods attribute and power of illegality cognition is not enough, combined with years of

power theft crackdown is very small, power is the main reason for the multiple. Power power units are others succeed "transmission", psychological imbalance, couldn't help stretch hand to test.

2) the loopholes in electricity management, management, technology lag. Marketing constraints supervision effect between each link is not fully effectively, provide the opportunities for power, especially the internal and external power connections. The setting of the power supply management agencies and personnel is unreasonable, management ideas, business quality couldn't keep up with the needs of the development of the situation. As knowing that some users power theft, but check for many times but can't find out the reason, why? It is means QieDianZhe cunning; The second is our management personnel's service quality is not high; Three is the need of detection technology and equipment can't keep up with the inverse power; Four is unhealthy, individual internal staff thought being courted, elbow turned outward, the internal and external collusion help users to power, the power played their part.

3) for many users, the electricity is its cost of production and operation of a large, especially in some high energy consumption, bad economic benefit of users, pay the electricity bill is a big problem. Then, some users can use power to reduce the cost and solve the problem of insufficient funds. And the specific way of power supply and power supply facilities and opened the door to a power behind.

4) of power theft molecules joint crackdown is not enough, because in some places there are still some "RenQingDian", "GuanXiDian" and "QuanLiDian" problem, so lead to the electricity market "weak", so that the power to work hard to reach the designated position, not easy to carry out, it's unwittingly encourage criminals power forces, thus forming a vicious cycle of individual phenomenon.

The main body of the current power and the main form and means

The main body of power theft is mainly rural minority village, private small and medium-sized enterprises and individual industrial and commercial households. In recent years, the main body of this illegal and criminal behavior has become diversified, residents, individual and private economic organizations, the collective and even the state-owned enterprises, institutions, government agencies and force and power.

In the form of power and means is multifarious, mainly include:

1) using a simple means of easy to operation and easy to expose, such as the use of u-shaped wire tap, don't dial, kaifeng dial table, table outside wiring and so on, these methods are easy to ferret, but means the power of the above has been rare in recent years.

2) change the CT ratio, voltage line-to-line virtual connect or reverse or pressure skin, wiring, install flow switch or breaker double blind control tables outside, using marketing staff work negligence or collaborating with marketing personnel after accumulating power accident in table eliminate table power has become one of the main power method.

3) the power of new and high technology. Will today's electronic new technology applied in power, let the electricity management the biggest threat to the power supply enterprise, the most worthy of a power supply enterprise attaches great importance to. Media revealed in a few years

ago, called "saver" actually is the "stuff" of the stolen electrical appliances, is a typical example. Recently, a kind of high technology content of remote power device also began to appear on the market.

4) and a power supply enterprise electricity personnel play time difference power. Such QieDianZhe have been familiar with power supply enterprise management activity, through the rule of power supply enterprise electricity workers, to use in general holidays holiday or power at night;

5) the internal and external power connections. Nature of this kind of power theft is very bad, the probability of occurrence and existence, to the threat of power supply enterprise is particularly big, on high alert.

We will further improve the measures preventing electricity-stolen technology

To prevent power main locked good distribution equipment installation, especially the metering device measuring click and distribution is very important for the installation, the power cord into the must, in accordance with technical requirements strictly the quality. Need to improve the following technical measures:

Installation multi-functional electronic billing list

Because of the multi-function electronic billing table adopted more advanced technology, in terms of preventing electricity-stolen, total pressure loss, flow loss record and alarm, display, and other functions, can effectively prevent wrong wiring and power theft. On the market at present there are a lot of mechanical watt-hour meter, for mark table must be replaced, other users must also be replaced step by step in a planned way.

In YongDianHu cut-off property installed with power grid enterprise dedicated metering box or dedicated watt-hour meter box

For high for high power users, using a dedicated transformer are adopted in the cut-off property measuring installation of high voltage metering box method; Low to high for special transformer users, such as capacity is bigger, and the adoption of low voltage power distribution ark (screen), shall be installed special measuring tank (screen); If the capacity is small, and no low voltage power distribution ark (screen), special metering box installed on the transformer. For electricity on the public transformer low voltage user, such as electricity capacity is larger, and the current transformer is connected to the meter gauge, must install a special metering box; Ordinary three-phase four-wire YongDianHu should be installed watt-hour meter box; Centralized single-phase residential users installed watt-hour meter measurement.

Standard electric power construction in strict accordance with the installation

Watt-hour meter, transformer, secondary connection box and cabinet door seal shall be complete, such as enhancing the burglar reliability of metering device. In addition, the power of the metering device is introduced into and lead wire must be installed using catheter, especially to the meter using neutral conductor or ground wire, the connection point shall be set up in metrology, contained in the neutral wire before entering the measuring tank, there should not be a breakpoint and any other T junction in succession. Four is about the detection of metering device using advanced tools.

Such as using the measurement fault analyzer can measure and display the metering device of voltage, current, phase, power, power factor, current transformer parameters such as strain ratio, the inspectors in the field can according to the given connection mode, to quickly determine the wiring error, to check secretly, leakage, for measuring failures, retroactive electricity provides the basis for scientific and effective.

"Police electric contact" intensifies measures preventing electricity-stolen organization work

Power supply enterprises should strengthen the electricity related laws and regulations relating to various YongDianHu knowledge propaganda and education

Power supply enterprises in the reverse power management, to use law to protect themselves, resolutely put a stop to power illegal and criminal behavior. For user power theft is serious, can take alarm measures, handed over to the judicial organs shall be investigated for criminal responsibility according to law, in addition to stop crime at the same time, attention should be paid to publicity and reports propaganda of legal knowledge, publicity and education on the masses of users.

Clean up the market, standardize the order

Carry out special projects to clean up as electricity bills collection has been officially cancelled by the state of various funds, surcharges, margin, regulating the behavior of charge; Special rectification, the problems of the charge for the rural electric reform vigorously consolidation in rural electricity price; To carry out the urban and rural power grid construction and retrofit engineering projects law enforcement supervision, crackdown on chaos behavior; Relying on the government regulate electricity market actively, effectively curb the illegal electricity and the spread of power theft.

To strengthen the enterprise internal supervision, strengthening the management of power supply

First of all, the shortcomings in the course of measurement management, by organizing regular survey and the way of irregular spot checks, identifying root causes, and strict management measures; Second, must strengthen the copy, nuclear, closed management, implement line, area appraisal to the people, enhance the sense of responsibility of employees; In addition, want to combine a household one table transformation, to the influence of the user's indoor meter reading, patrol and inspection of watt-hour meter, equipped with double or offshoring for metering device measurement, the extended run unqualified watt-hour meter and the transformer will be replaced, and to report the phone to the public power, set up to report reward fund, mobilize the public power theft.

Work increase the power of technology and capital investment

As power theft molecules power means more and more intelligent, a power supply enterprise to curb the occurrence of power theft, will increase investment in technology and capital, "containment" to "guard" in advance. To increase capital, for example, load management terminal, the realization of computer remote meter reading, give full play to the monitoring function of load management system; The use of infrared remote preventing electricity-stolen alarm device, etc.

To establish a high quality of power, and configure the necessary instruments, the implementation of power substation cross check

Jurisdiction of training to establish a high quality has certain professional reverse power team, enhance self-protection ability of the enterprise. Power theft has universal, such as size, strong technical characteristics, the work is a principled strong power, high technology level requirements of work, should not only have all staff participation, should have a good attitude, more skillful professional reverse power team. It seeks law enforcement responsibility, professional management personnel is power theft molecules bribes. So, in the strict management system, education will frequently, anti-corruption, rewards and punishment. Always maintain a high efficient and honest, has the high sense of responsibility of power team, carry out the work of the power is the important guarantee.

Summary

Because electricity has a strong seasonal and annual summer and winter in the peak load, the stability of power grid operation, power phenomenon also occur frequently. Especially in the rural electric power irrigation and drainage, residents living electricity power, such as air conditioning and heating phenomenon is more prominent. As a result, the power supply enterprise implementation of 2 ~ 3 times a year of power theft special operation, not only is beneficial to prevent the occurrence of power theft, and can improve the reliability of power grid safe operation, also a good countermeasure to improve the power supply enterprise economic benefits. The author thinks that, to eradicate power this "stubborn", must be thoroughly cleared constitute the thought foundation of power theft iniquities; To strengthen and perfect the management of power supply market, according to the relevant provisions of the law of electric power, increase the investigation dynamics of power theft; To strengthen the research of preventing electricity-stolen and inverse power technology, let QieDianZhe at bay.

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