

# Energy storage system anti-misoperation system



## Overview

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The substation anti-misoperation system is one of the important components of power system operation management, which can effectively avoid personnel injury, equipment damage, and even power outage accidents caused by misoperation [1, 2, 3]. CN118399239 - Anti-misoperation logic locking method and device for temporary grounding wire of energy storage power station The invention relates to an anti-misoperation logic locking method and device for a temporary grounding wire of an energy storage power station. When a device line is overhauled or a high-pressure-side earthing switch of a boosting transformer is needed to be closed in other circumstances, a first disconnecting switch is firstly switched off, a first. Therefore, this paper proposes an automatic generation and audit method of substation five-prevention logic based on typical interval graphization. A database containing device names and circuit information is developed, and two core algorithm modules, topology analysis, and logic generation are. Any primary electrical equipment that could cause electrical misoperation accidents should be equipped with anti-misoperation devices. These devices should provide the following basic functions: Prevent unauthorized entry into live compartments. The interlock logic should implement the five. The application relates to the technical field of misoperation prevention, and provides an misoperation prevention method of a centralized control system of a pumped storage power station, when an operation permission button is activated, a duty person is permitted to operate the centralized.

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### 118399239 Anti-misoperation logic locking method and device for



The invention relates to an anti-misoperation logic locking method and device for a temporary grounding wire of an energy storage power station.

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### The anti misoperation system structure in the integrated control mode

Renewable new energy power generation prediction error like wind and light, brings difficulties to dispatch the power system. In this paper, a multi-time scale robust scheduling method is set



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### An intelligent anti-misoperation algorithm model for new type power

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Ensuring the safe operation of New Type Power Systems heavily relies on preventing misoperations, a crucial safety measure within their secure and controllable

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**CN115833399A**

The application relates to the technical field of anti-misoperation, in particular to an anti-misoperation method and device for a pumped storage power station centralized control

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### Intelligent Anti Misoperation System for Power Grid Dispatching of

Abstract With the power system of large capacity, large units, high voltage development trend, dispatching operations becoming more frequent, complex, and probability of mistakes are increasing.

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### Automatic Generation and Audit Method of Substation Five

The five-prevention logic is crucial for preventing misoperation in substations. The writing and audit of the existing five-prevention logic rely on manual labor, with low efficiency and security ...

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### Intelligent misoperation prevention method for power regulation and

The experimental results show that this method can prevent misoperation through the detection of equipment



state, operation process, scheduling instruction and artificial intelligence ...

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## Five Misoperation-Prevention Logic in Substations

Guidelines for anti-misoperation devices and interlock logic to prevent five types of electrical misoperations: wrong switch operation, live grounding, and unauthorized access.

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## Research on Centralized Control Strategy of Anti-misoperation ...

In view of the existing problems in current anti-misoperation system of substation, a centralized control strategy of anti-misoperation system is proposed combi

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## Anti-misoperation locking system and method for power plant

The invention discloses an anti-misoperation locking system and method for a power plant.



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