Building base stations for the ubiquitous Internet of Things in the power industry

First, this paper introduces the development background and construction of UPIoT and its technical architecture. Then the challenges faced by UPIoT in the process of construction are ...

Building a comprehensive and efficient power IoT platform is the meaning of the digital transformation of power grid enterprises. It is a link between the real world and the virtual world.

Smart grid technology allows us to better manage, save, monitor and use energy, giving consumers the power to decide when, where and how to use energy.

Microservice-based edge computing is a key technology to support power system to adapt to the high concurrency and diversification of application in power Internet of Things.

Key constructions in eight directions are defined, including production operations, customer service, construction management, energy ecology, enterprise intermediate platform, smart ...

In order to build a pivotal, platform and shared power enterprise, the State Grid Corporation proposes to build a ubiquitous power Internet of Things with comprehensive state ...

The ubiquitous power Internet of Things is data-centered, which requires intelligent Internet of Things terminals to collect static and dynamic data of power system in an all-round way.

At present, the cloud main station has functions such as basic electrical data collection, environmental status collection, dynamic topology identification, low-voltage fault analysis, power ...

The ubiquitous power Internet of things just meets the needs of the power industry. Its core is to build an intelligent network system with the ability of intelligent judgment and adaptive ...

Build LPWAN IoT solutions for a wide range of industries requiring energy-efficient and long-distance data transmission with autonomous work, easy installation of devices, and fast ROI.

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