

ired to mobile domain. We propose here the next generation of power delivery network - mobile energy internet (MEI) for wire-less energy transfer within a mobile range from several me. ers to tens of ...

The mobile energy Internet is divided into four layers: information model layer, mobile energy interconnection layer, local energy storage layer and application layer.

As capacity in mobile networks increases with the ad-dition of new spectrum and new technologies such as 5G and Massive MIMO (mMIMO), energy consumption also increases due to this additional ...

With the development of mobile energy storage technology, it is possible to build a mobile energy internet for the business purpose of energy internet. Now the research work of mobile ...

Based on general system structure theory, the technical system framework for the provincial power grid corporations to construct regional energy internet is constructed, and it ...

This article introduces the Energy Internet as a potential evolution of a hybrid power grid by discussing its conceptual model, model structure through the introduction of a new concept called the Energy ...

Smart grid communications provide fast, secure, and reliable communications for energy Internet, which enables energy system intelligence, security, and load balancing. Its architecture ...

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MEI can be viewed as the expansion from Internet of energy (IoE) to mobile domain, which has the potential to play the similar role of MI in information technology.

A wireless energy internet, in which energy flows wirelessly among sources, storage and consumers, promises flexible and contactless energy delivery.

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