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In this paper, we propose the redefinition of EI, based on a comprehensive literature review, some latest trends and driving forces in the global energy industry, as well as its development in the past decade.

In this paper, the basic concept and characteristics of the Energy Internet are summarized, and its basic structural framework is analyzed in detail.

We are pleased to announce that Energy Internet is indexed in IET Inspec.

Energy Internet is an innovative concept based on synergy of multi-energy systems including electricity, gas, cooling and transportation.

It is of significant importance to realize the decarbonization of energy systems for carbon-neutrality. The Energy Internet (EI), i.e., Internet of Things in Energy, connects energy sources and consumers (or ...

First, a comprehensive overview of Energy Internet is presented along with its aptness as a future evolution of electricity system. Second, concepts, architectures, and features that underpin ...

Supported by cutting-edge innovations like the Internet of Things, vehicle-to-grid, and blockchain, Energy Internet connects diverse energy resources including solar panels, wind turbines, batteries, ...

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To realize renewable-energy-based electrification goals, a new concept--the Energy Internet (EI)--has been proposed, inspired by the most recent advances in information and ...

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