

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 ...

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.

First, a comprehensive overview of Energy Internet is presented along with its aptness as a future evolution of electricity system. Second, ...

The paper aims to contribute to this growing area of research by accumulating and summarizing the significant ideas of the integration of distributed prosumers and small-scale VPP to ...

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The Cisco Annual Internet Report is a global forecast/analysis that assesses digital transformation across various business segments (enterprise, small-to-medium business, public sector, and service ...

The objective of the present study is to provide estimates for the 2020 use stage electricity consumption and ICT sector"s total lifecycle greenhouse gas (GHG) emissions divided in three main ...

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The U.S. Energy Information Administration (EIA) will release updated projections of future U.S. energy production and use in its Annual Energy Outlook 2020 (AEO2020) today at 11:00 ...

As an important direction of energy reform, integrated energy system has become the focus of research and attention in today"s world. Building an integrated energy system can not only improve energy ...

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