

This textbook provides an ideal resource for students in advanced graduate-level courses and special topics in energy, information and control systems. It comprehensively describes the energy Internet, ...

As the world becomes increasingly digitalised, data centres and data transmission networks are emerging as an important source of energy demand.

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

In this paper, a holistic review of the energy Internet evolution in terms of the architecture, types of ERs, and the benefits and challenges of its implementation is presented.

The extensive research studies on integrating emerging computing, information, and communication technologies with energy transition and smart energy systems have incited the ...

The journal has been selected for the High-Impact New Journal Project under the China Science and Technology Journal Excellence Action Plan.

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

The Energy Internet is a proposed framework for maximising the efficient collection, distribution, and management of energy sources using networked computing and communication systems.

In this study, given the critical role and importance of the energy transition, the effect of information and communication technologies (ICT) is researched and the levels of energy-related ...

In the face of growing global energy demand, volatile energy prices, and constant competition from abroad, innovative homegrown solutions are needed to radically improve the energy efficiency of ...

Drawing on these theoretical approaches, we test the hypothesis that information communication technology, particularly cell phones and Internet use, serve to reduce the production and ...

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 telecommunication network ...

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