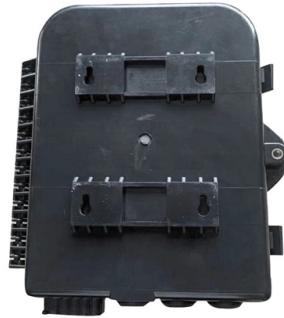


The energy internet is expected to become more grounded in reality



Overview

New, data-driven energy technology can optimize everything from grids and data centres to buildings and industry. As electrification, automation and digital intelligence converge, the energy landscape is transforming from linear, centralized systems to omni-directional, data-driven networks. Its features, such as plug-and-play mechanism, real-time bidirectional flow of energy, information, and money can lead to significant benefits and innovation in electricity production and. What was once a centralized, one-way system is becoming a dynamic, distributed and deeply connected digital network, something I often describe as building the “energy internet. ” With millions of interconnected nodes — solar, wind, storage, electric vehicles (EVs), smart buildings and more — all. Energy Internet is a concept proposed to harness, control, and manage energy resources effectively, with the help of information and communication technology.



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In order to better cope with the challenges existing in the Energy Internet, we propose an analysis framework of the Energy Internet based on

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