

# The Global Energy Interconnection Initiative

The provision of low carbon energy to our society is a key issue at the heart of sustainable development of global energy supply. The Global Energy Interconnection (GEI) Journal publishes original research ...

GEI was founded to seek a solution to global energy and environment challenges, focusing on energy security and environmental issues related to fossil energy utilization. The ...

On September 26, 2015, Chinese President Xi Jinping proposed discussions on establishing Global Energy Interconnection, to facilitate efforts to meet global power demand with clean and green ...

GEI is a global emission reduction plan that can achieve the goals in Paris Agreement. At the grant the emission paths required for controlling global temperature rise within 2°C. At the ...

In response to new changes and trends, President Xi Jinping proposed a new energy security strategy aimed at revolutionizing consumption, supply, technology, and institutions, while ...

Thus this White Paper aims to highlight the concept of GEI and begin laying the foundations for identifying and addressing the standardization needs for large-scale, transcontinental ...

On September 26, 2015, Chinese President Xi Jinping proposed a visionary initiative at the United Nations Sustainable Development Summit-- "to establish Global Energy Interconnection (GEI) to ...

This report investigates China's proposal for a Global Energy Interconnection (GEI), an eighteen-line ultra-high voltage (UHV) network linking over 80 countries with renewable energy and ...

GEI journal has been indexed in multiple databases such as EI Compendex, Scopus, Inspec, DOAJ, Elsevier ScienceDirect, etc. The potential for renewable energy to make contributions to mitigating ...

The Global Energy Review 2026 provides an assessment of the trends that took place in 2025 across the energy sector worldwide, covering all major fuels and technologies, and regions and ...

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