

Global Energy Interconnection Project



Overview

Launched in March 2016 with its headquarters in Beijing, China, Global Energy Interconnection Development and Cooperation Organization (GEIDCO) is a non-profit international organization dedicated to promoting the sustainable development of energy worldwide. The purpose of GEIDCO is. GEIDCO has carried out more than 100 researches, released more than 50 innovative results globally, and published more than 50 monographs and reports in Chinese and English, enhancing its influence among governments, enterprises, academia, and the public. It embodies high-level integration of the flow of energy, flow of information and flow of business as an intelligent, automated and networked-based system for. The Global Energy Interconnection is a proposed global electricity network (Super grid). The proposal is an eighteen-line backbone of ultra high voltage connections to link 80 countries in networks incorporating smart-grid technology and significant renewable energy sources., Africa, Asia-Pacific, Europe, North America.), operational projects demonstrate great value with the current turmoil in.



Article Content

Global Energy Interconnection Development and Cooperation

“World of Energy Interconnection” (WEI) Relying on GEIDCO's strengths in five aspects of project resources, research results, information data, network of members and international outreach, WEI

Global Energy Interconnection | Journal

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International Power Interconnections Progress and Help Countries in

Various progresses in advancing new power interconnection projects are taking place around the world. Five of these recent projects have been selected and are briefly presented as

Global Energy Interconnection: An Innovative Global Solution for ...

Paris Agreement Global Energy Interconnection Development and Cooperation Organization (GEIDCO) Research Center for Sustainable Development (RCSD)

Drivers of Electricity Prices and Load Growth in the United States ...

Electricity prices in many parts of the United States are facing multiple pressures, with load growth not experienced in decades, increased resiliency investment requirements, fuel cost

Global Energy Interconnection

The Global Energy Interconnection is a proposed global electricity network (Super grid).

AI Data Center Power: Grid Limits Reshape Energy in

AI data center power demand is breaking the grid in 2026. See how grid constraints fuel trillions in on-site energy investments. Discover the new power plays now!

US Utilities Plan \$1.4T for AI Data Centers: 27% Capex

US utilities plan \$1.4 trillion in spending through 2030 for AI data centers. Duke Energy leads at \$102.2B as power demand hits 9% of US electricity.

AI's Energy Hunger: Data Center Boom Breaks Global Power Grids

Global data center electricity demand is projected to exceed 1,000 TWh annually by 2026, more than double the 460 TWh consumed in 2024. Why are data center projects being delayed? Up

Banking on Climate Chaos

Global Impact Stories from the Frontlines Climate change hits the frontlines first and worst. People living on the frontlines of climate chaos and the fossil fuel industry

Deploy Data Center Capacity Faster with Fluence

From Planning to Operations, Battery Storage Supports Data Centers Across the Lifecycle Battery storage is the fastest, most flexible power capacity you can

Energy Portfolio Manager, Energy Supply and Interconnection

Ability to work independently and manage multiple projects simultaneously
Experience managing a portfolio of energy supply agreements and/or interconnection contracts, including

Project Development

GEIDCO pushes forward the implementation of projects based on effective strategic planning, business pattern innovation and technology development. GEIDCO proposes different development models for

Global energy interconnection | IEC

Global energy interconnection (GEI) is technically highly complex. It will require a level of dependability never seen before. International Standards inherently contain solutions that will help

Global Energy Interconnection Research Institute

Global Energy Interconnection Research Institute Europe GmbH (GEIRI Europe) focuses on applied research into technologies for new energies and intelligent power grids.

Grid Interconnection Delays 2026: A Threat to US Energy

Grid interconnection delays threaten US energy growth in 2026 with a 2,600 GW backlog. Discover the economic risks & key solutions driving vital grid reform now.

Global energy interconnection

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 and global

Strategic Alliance Between Hostos Project and Siemens

Caribbean Transmission advances energy interconnection between Puerto Rico and the Dominican Republic Caribbean Transmission and Siemens

Global energy demands within the AI regulatory landscape

This background guide on energy demands and AI was distributed to participants ahead of the FCAI dialogue on Nov. 18, 2025.

Vice President, Land Acquisition & Energy (Global) at Rubix

Vice President, Land Acquisition & Energy – Design, Build & Operate (Global)
Location: Flexible / Global Start: ASAP Contract: Full-Time / Permanent Travel:
International – About Rubix At Rubix, we design

Novel solar project sprawling old subsurface mine to tap into domestic ...

Sol Systems has started construction on a \$345 million, 182-megawatt solar project on a reclaimed subsurface mine in Illinois.

Analysing China's Global Energy Interconnection

This report investigates China's proposal for a Global Energy Interconnection (GEI), an eighteen-line ultra-high voltage (UHV) network linking

Global energy interconnection

Large-scale implementation of clean energy (notably renewables) Transmission of power over long distances (ultra-high voltage) Smart grid solutions Benefits of GEI: Optimize renewable energy

Evaluating the economic and social benefits of global energy ...

The GEI project represents a costly, long-term investment to facilitate the transition from fossil fuel dominance to a clean energy-led global energy system. Against the backdrop of fossil fuel

Contact Us

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