
Microgrids all contain energy storage

Microgrids can step in when the main electricity grid fails. And as they can be powered by renewables, they are a sustainable and affordable option, too.

We need to grow the grid faster, use modern tech to make them flexible and affordable, raise energy storage and reform rules that penalize grid flexibility planning.

Renewables-based microgrids and peer-to-peer (P2P) energy trading can boost energy security as they are self-sufficient and run independent of large grids.

Expert insight on how countries around the world can build secure, equitable and sustainable infrastructure that underpins the global energy transition.

Less than half of the population of Nigeria has access to a reliable electricity supply. Start-up ICE Commercial Power is working to connect Nigerian SMEs to clean power ...

Pacific small island states, contributing only 0.03% of global emissions, are leading with ambitious renewable energy projects and net-zero goals by 2050.

Clean energy is key to resilience, which can be a unifying framework to balance the "energy triangle" imperatives - equity, security and sustainability.

The Iberian Peninsula power outage highlighted the reliance of modern society on electricity when it suffered Europe's largest blackout in years. Such disruptions are likely to ...

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