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## Microgrid power storage device

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

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.

Dutch cyclists rode down the world's first bike path made entirely of discarded plastic this week, in a move aimed at reducing the millions of tonnes wasted every year.

Battery energy storage systems can address the challenge of intermittent renewable energy. But innovative financial models are needed to encourage deployment.

XENDEE is the team and technology supporting distributed energy and microgrid energy solutions. It is a comprehensive distributed energy resource (DER) design and operation ...

Local communities generating their own power could become 90% energy self-sufficient, with potential to be fully self-reliant in the future, according to a Dutch study.

Another successful microgrid and P2P energy project can be found in the town of Rock Port, Missouri. There, a community microgrid was established after a tornado destroyed ...

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

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