

A microgrid, regarded as one of the cornerstones of the future smart grid, uses distributed generations and information technology to create a widely distributed automated energy delivery network.

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Not only is Lae PNG's major shipping centre, but currently many vessel owners are increasingly unable to have emergency maintenance and mandatory dockings completed in-country at the ...

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One specific application of this paradigm is cold ironing, wherein a docked vessel receives electrical power from the port grid, allowing onboard diesel generators to be shut down.

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