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The micro grid controller is a computer-based system. It will automatically control and regulate the operation of not only the two new battery systems, but also all the Electric Power Corporation power plants and independent solar farms.

Whenever wind and solar power supply more than 20% of a grid's peak demand, the unpredictability of those sources can make the grid unstable. In Samoa, in the worst cases, it led to power...

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In 2021, Samoa achieved 45 per cent installed renewable power generation. This figure has been increasing year on year. Samoa has a target of 70 per cent renewable energy use by the end of 2031, transitioning to a mix of solar, wind and hydropower augmented by battery storage.

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