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This project aims to help Tonga move away from fossil fuels and shift to renewables. The project will deliver utility-scale storage systems to provide base load response and grid stability, paving the way for more ...

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This project aims to help Tonga move away from fossil fuels and shift to renewables. The project will deliver utility-scale storage systems to provide base load response and grid stability, paving the way for more renewable energy integration in the main island, while green mini-grids will be installed in the outer islands.

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Both individual systems comprise Akuo's Storage GEM modular containerised solution, three for Tonga 1 and five for Tonga 2. Tonga 1 is a 9.3MW/5.3MWh designed to improve grid stability, with a duration of just 34 minutes. Tonga 2 is a 3.3-hour system with 7.2MW/23.9MWh of energy, designed primarily for load shifting.

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