

## South tarawa microgrid control

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The Government of Kiribati has prioritized strengthening fuel security and reducing emissions and hopes that continued investments in renewable energy, energy storage, and distributed technologies improve the country's energy security, increase grid reliability, while reducing diesel consumption. However, the approach to developing the energy sector has focused on maintaining the existing generation and distribution network, and progressively replacing diesel with land-based PV.

A sustainable, accessible energy supply is vital to lowering vulnerability and to providing a basis to all adaptation pathways. Access to clean energy and water allows communities to develop climate-adapted livelihoods and, over time, adapt more successfully to climate change. For example, sustainable energy supply provides a basis for: (i) sustainable food and water supplies; (ii) reliable education facilities; (iii) reliable health care facilities; (iv) low-carbon transport; and (v) other innovative end-use technologies and applications

The Asian Development Bank (ADB) is committed to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty. It assists its members and partners by providing loans, technical assistance, grants, and equity investments to promote social and economic development.

On September 6, 2022, Sino Soar Hybrid (Beijing) Technology Co., Ltd. received the bid award notification from the Kiribati Public Utilities Authority (PUB) and successfully won the bid for the South Tarawa Solar Micro-grid project in Kiribati. SINOSOAR is responsible for the design, supply, installation and commissioning of the Micro-grid systems and subsequent operation and maintenance services of the project.

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