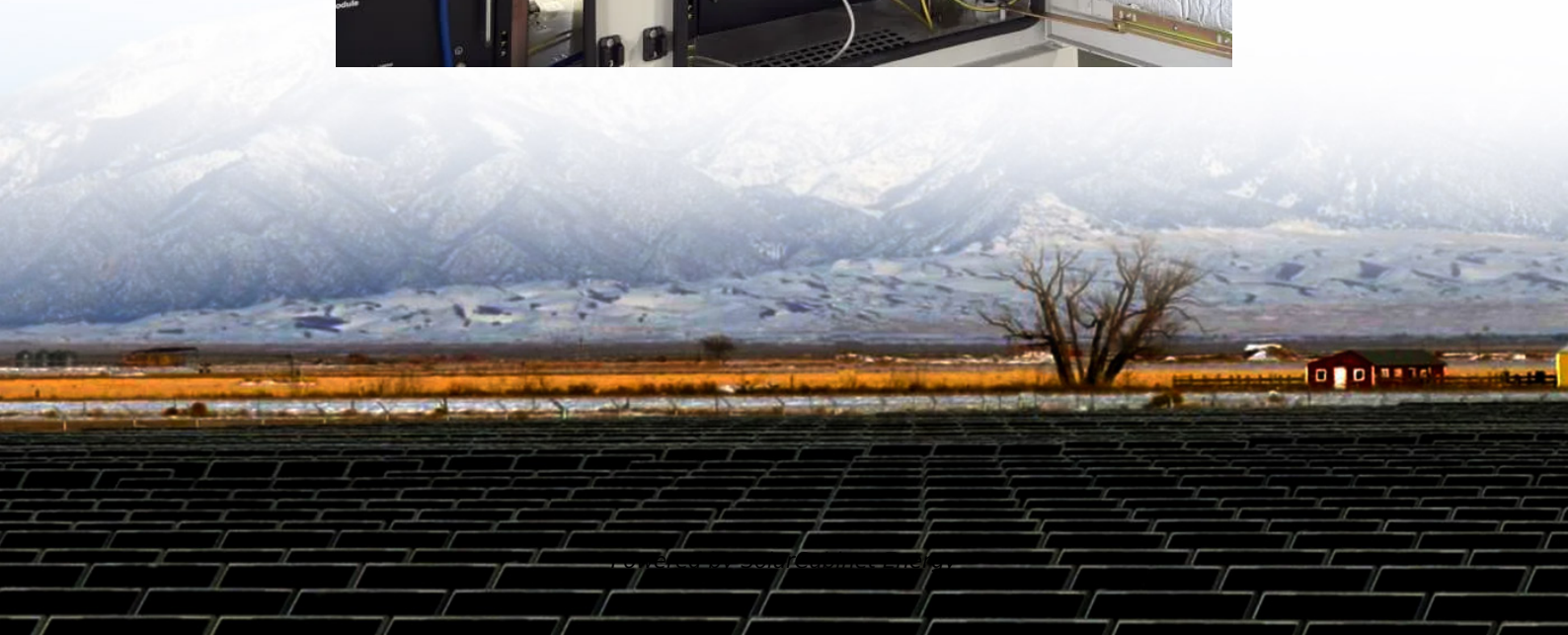


Kiribati Energy Storage Peak Shaving Project





Overview

Does Kiribati have a solar power system?

Kiribati's outer islands are served largely with solar home systems, and Kiritimati island, the second largest load center (1.65 GWh in 2016), has a separate power system not managed by the PUB. 6. Constrained renewable energy development and lack of private sector participation.

What is Kiribati's energy consumption?

Primary energy demand. Kiribati's energy consumption, which is dominated by imported fossil fuels (52%) and coconut oil (42%), has been steadily increasing over the last few years. The residential sector is the largest consumer of energy, followed by land transport.

How can Kiribati reduce its emissions by 2030?

With international assistance, Kiribati can reduce its emissions by 61.8% by 2030.¹¹ Recent strategy documents, including the Kiribati 20-Year Vision 2016–2036 (KV20), reaffirm these commitments and call for concrete approaches to achieving them.¹² 10. Energy road map and investment plans.

How will Kiribati reduce fossil fuel consumption by 2025?

¹³ Kiribati committed to use renewable energy to reduce fossil fuel consumption by 2025 (23% reduction on South Tarawa, 40% on Kiritimati, and 40% on the outer islands). It has also set the target of using energy efficiency to further reduce diesel consumption by 2025 (22% on South Tarawa, 20% on Kiritimati, and 20% on the outer islands).

How much power does Kiribati have?

The PUB serves more than 57,000 people in South Tarawa, which has the highest demand at 24.7 gigawatt-hours (GWh) in 2019. Kiribati's outer islands are served largely with solar home systems, and Kiritimati island, the second largest load center (1.65 GWh in 2016), has a separate power system not



managed by the PUB. 6.

Is Kiribati a micro economy?

Kiribati is a micro economy in the central Pacific with a huge Pacific Ocean economic zone. Its gross domestic product (GDP) was \$200 million in 2019 and, and prior to the pandemic, this was expected to grow at 3.1% annually, driven mainly by fishing license fees and government expenditure.



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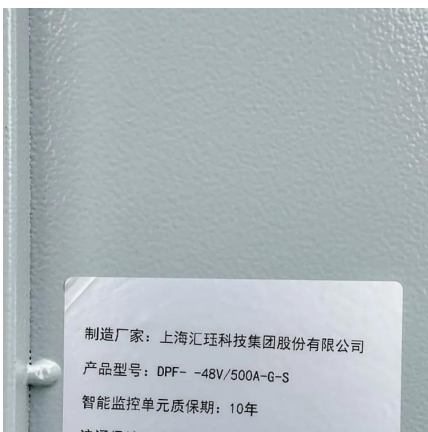


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