

# Electric grid kiribati



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### South Tarawa Renewable Energy Project (Phase 2): Economic

As of 2022, access to grid electricity was almost 100% in South Tarawa and 94% in Kiribati as a whole.<sup>2</sup> However, the cost of power generation is high because of the heavy reliance on imported diesel.

### Kiribati

How much energy does Kiribati consume each year? How much total energy - combining electricity, transport and heat - does the country consume each year? This interactive chart shows primary



### Kiribati

The objective of the Grid Connected Solar PV Power Station Project is to contribute to reducing Kiribati's dependence on imported petroleum for power generation in order .

### Kiribati to Benefit from New Solar Power Generation System

Supported under the Pacific Environment Community (PEC) Fund, the solar PV installation is the first ever grid connected system for Kiribati that will enable the Public Utilities Board



[Electrification of Kiribati's Line Islands Powered through Solar Energy](#)



### **Kiribati , NEXSTEP**

In 2021, 90.8 per cent of Kiribati's population had access to electricity. However, only 35 per cent households were connected to grid electricity and 54.7 per cent had solar home systems that are

Kiritimati Island, the world's largest coral atoll and a key development hub for Kiribati with a rapidly growing population (currently roughly 8,000 people), has a dilapidated electricity micro-grid plagued



### **Utilities in Kiribati**

The Kiribati Solar Energy Company provides electricity to outer islands through solar home systems. Initially formed in 1984 by an NGO, the company is now owned entirely by the government. There is

## **05. Session 3b\_Country Statement- Energy\_Kiribati**

The Kiribati Energy Sector is continually developing and progressing, and current actions are focused, inter alia, on updating and reforming legislative, regulatory and institutional frameworks.



### **TOW ARDS AN ENERGY SECURE KIRIBATI**

Biofuels development from coconut oil could become the significant diesel fuel substitute for electricity generation and transportation. Energy efficient engines and electric vehicles promotion could

## Save Kiribati

Electricity from the grid serves about half of the households in Kiribati. Electricity is a key component for small business development so is important for improving outer island socio-economic conditions.



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