

Title: Sierra Leone Outdoor Power Tariff

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Why is solar power so expensive in Sierra Leone?

It is delivered at a very high cost with Sierra Leone having one of the highest electricity tariffs in the sub-region. There are numerous waterfalls for hydropower and abundant sunlight for solar power generation with an estimated hydro project potential of more than 1000MW, while solar opportunities are above 240 MW.

Does Sierra Leone have a low energy access rate?

Sierra Leone currently has one of the lowest energy access rates globally, with only 36% of its population connected to the grid and a mere 6% in rural areas. The SOGREA Initiative supports the government's aim to increase the share of renewable energy in the country's energy mix to 35% by 2030. "By 2027, Sierra Leone will be fully illuminated.

Why does Sierra Leone need infrastructure investment?

The Government of Sierra Leone is also seeking infrastructure investment to support expansion of energy distribution and transmission networks. Sierra Leone has good access to natural resources necessary for energy production such as access to viable wind speeds and sunshine for renewable wind and solar projects.

Does Power Africa support Sierra Leone?

Power Africa supported Sierra Leone in 2015 with a \$44.4 million four-year threshold program through the United States Millennium Challenge Corporation (MCC).

The above tariff structure was resolved at the board meeting on 26th September 2023 in the fulfillment of the Sierra Leone Electricity and Water Regulatory Commission Act 2011, Section 45(1)

The Government of Sierra Leone has made significant progressive policy and regulatory enhancements to support initiatives to increase electricity access. The policies provide for decentralized solar power ...

This case study highlights the cost-reflective mini-grid tariff framework in Sierra Leone. To accelerate the pace of rural electrification and the deployment of mini-grids, the GoSL with support ...

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The Lab, in partnership with Global Energy Alliance for People and Planet (GEAPP) and the Government of Sierra Leone, launched a 1-year Tariff Harmonization Pilot across Sierra Leone in ...

In Sierra Leone, various subsidies as well as the removal of the goods and services tax (GST) on operators have been provided to reduce mini-grid end-user tariffs. But it is recognized, by ...

Overview Sierra Leone's power sector is undergoing a transition, characterized by persistent challenges and emerging opportunities. Electricity access remains limited, with only 30% ...

The Commission is often seen as "balancing" of interests of its stakeholders through the protection of consumers from unfair treatment by utilities, promotion of economic efficiency of the service ...

Thanks to the Government of Sierra Leone's reforms of the mini-grid sector by introducing state-of-the-art mini-grid regulations and a robust mechanism for tariff setting, SOGREA investment ...

12 Sierra Leone Mini-Grid Regulations(57(2)(b) prescribes options of tariff structures to be (a) conventional kWh tariffs, (b) flat rate tariffs, (c) power tariffs or (d) a combination of the above.

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