



# Solaar energy Eswatini

What is Frazer solar doing in Eswatini?

Frazer Solar has developed a large-scale solar-storage project in Eswatini to supply electricity to the SADC grid for IPP client Frazium Energy. Upon commissioning, this will be one of the largest battery projects in Africa. CSR is a key focus for Frazer Solar.

Are solar panels a viable source of electricity in Eswatini?

Photovoltaic (PV) solar cells are increasingly prominent sources of small-scale electricity production in Eswatini. The government actively encourages the adoption of solar panels in residential and commercial buildings to provide both electricity and water heating.

Can solar power help Eswatini achieve its electrification goals?

Although Eswatini's electrification rates are relatively high, they are still a long way off 100% (the country's target for 2022). Solar power is the most viable solution for Eswatini to help meet its electrification goals and save costs down the line.

What is Frazer solar doing in Africa?

Upon commissioning, this will be one of the largest battery projects in Africa. CSR is a key focus for Frazer Solar. Frazer Solar partnered with international agencies to provide solar water heaters to all government medical clinics in Eswatini to augment the country's response to Covid-19.

What is Frazer solar?

After preliminary investigations in 2016, Frazer Solar developed a multifaceted renewable energy project for the Government of Lesotho including solar thermal, solar PV, battery storage and LED lighting. Frazer Solar has developed a large-scale solar-storage project in Eswatini to supply electricity to the SADC grid for IPP client Frazium Energy.

What is the main energy source in Eswatini?

Hydroelectric power currently stands as one of the most prominent energy sources in Eswatini. The EEC operates four hydropower plants, constituting 15% of the country's electricity production and plans to bolster the existing infrastructure.

Frazer Solar is developing a large-scale solar-storage project for IPP investor, owner and operator Frazium Energy. Phase 1 of the development involves solar PV coupled with battery storage to provide 200 MWh of dispatchable baseload electricity per day. Electricity will be supplied to countries in the SADC region.

Edwaleni Solar Power Station, is a 100 megawatts solar power plant under construction in Eswatini. The solar farm is under development by Frazium Energy, a subsidiary of the Frazer Solar Group, an Australian-German conglomerate. The solar component is complemented by a battery energy storage system, expected to be



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In 2022, Eswatini partnered with Frazium Energy to commission a new 100MW solar storage project with 75,000 PV panels -- hoping to produce more than 100 million kWh of electricity a year and generate at least 200 jobs.

The Sigcineni Off-Grid Solution project in Eswatini includes a 200kWh battery energy storage system and a 35kW mini-grid solar project.

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By investing in renewable energy and expanding electric connectivity, the government aims to liberate unelectrified Swazi citizens from the energy poverty trap, enabling them to realize their untapped potential. These are the four key sectors of renewable energy in Eswatini that are receiving strategic government investments and support.

Greenlight Solar delivers reliable renewable energy solutions in Eswatini. We specialise in designing and installing custom solar systems for homes and businesses, with a focus on quality, efficiency, and sustainability. Our mission is to empower energy independence through expertly crafted solar installations.

embedded solar generation as part of a broader vision for a cleaner, more sustainable future. "Embedded solar generation empowers energy users with greater control over their electricity needs, allowing businesses to



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lower operational costs, gain energy independence, and contribute to broader sustainability goals."

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