

## European Solar and Energy Storage Solutions

# Eswatini return energy



## Overview

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Is Eswatini a sustainable country?

A nation that has long relied on neighboring South Africa and Mozambique for unsustainable fossil fuel-based electricity imports, renewable energy in Eswatini is quickly diversifying. The transformative journey culminated at the COP26 conference, where Eswatini committed to an ambitious 50% surge in renewable energy production by 2030.

What is Eswatini's energy revolution?

Eswatini's energy revolution is a testament to its dedication to sustainability and self-sufficiency. As Eswatini strides into the future with renewable energy, the convergence of local innovation, international collaboration and growth-oriented policies promises to illuminate every corner of the nation.

What challenges does Eswatini face?

The key challenge facing the country's energy system is a lack of security of energy supply: Eswatini imports around 70 percent of its power, despite being well-endowed with conventional and renewable energy resources, including coal, solar, hydro, wind and biomass residues from the sugar and forestry industries.

Who owns Eswatini electricity?

At present, the state-owned Eswatini Electricity Company (EEC) holds a majority share in Eswatini's energy market. Tasked with the generation, transmission, and distribution of electricity within the country, the EEC operates three hydropower plants and one diesel power plant, with a combined capacity of approximately 70 megawatts (MW).

Why is Eswatini energy system important?

These resources could meet the entire national demand for electricity if fully exploited, whilst the excess energy could provide exporting opportunities to

Eswatini's neighbours. The overall goal for the Eswatini energy system is therefore to reduce dependency on electricity imports.

Will Eswatini achieve its energy goals by 2034?

Through sustained investment in solar, wind, and biomass projects, Eswatini stands poised to emerge as a regional pioneer in renewable energy and fulfil its ambitious energy goals by 2034.

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### ENERGY PROFILE Eswatini

ENERGY PROFILE Total Energy Supply (TES) 2016  
 2021 Non-renewable (TJ) 13 951 13 525  
 Renewable (TJ) 35 026 27 820 Total (TJ) 48 977  
 41 345 World Eswatini Biomass potential: net  
 primary production Indicators of renewable  
 resource potential Eswatini 0% 20% 40% 60%  
 80%

### Millions of dollars earmarked for energy transition in Eswatini

Prince Lonkokhela, the minister of Natural Resources and Energy, announced at the event that Eswatini is set to increase its electricity generation capacity by 241 megawatts as of July 2026 in an ambitious goal for universal, affordable, reliable and modern energy by 2030. As highlighted during the forum, this presents excellent opportunities



### Muzi Bongani Nzima is the new Minister of Sports

Africa-Press - Eswatini. There is a new sheriff in town under the Ministry of Sports, Culture and Youth Affairs. Sandleni Member of Parliament (MP) Muzi Bongani Nzima is the new Minister of Sports, Culture and Youth Affairs. Nzima takes over from former Mbabane East MP Harries 'Madze' Bulunga.

## ENERGY PROFILE Eswatini

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided



## Eswatini: Nuclear energy technology to aid development goals

IAEA experts are working with their counterparts in Eswatini to design a national programme for the 2025-2026 technical cooperation (TC) cycle. This collaboration will focus on building on past achievements, in alignment with the priority areas identified by the Kingdom's national development plan. These priorities include the development of a radiotherapy facility, ...

## Eswatini

The main challenges facing the energy sector include the reliance on power imports from South Africa; which is also facing its own power generation problems; lack of clarity in roles for procurement between the Eswatini Energy Regulatory Authority and Eswatini Electricity Company; lack of incentives to improve electricity service performance



## EWAVE Ignites Banana Production Revolution, Supercharging ...

In a major step towards enhancing sustainability



and bolstering Eswatini's agricultural exports, the EWADE has officially unveiled a state-of-the-art banana packhouse under the Lower Usuthu Smallholder Irrigation Project II (LUSIP II). Bitcoin Surpasses Us\$100K Mark Amid Optimism over Trump'S Return to the White House. Looming Energy

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## Eswatini's Green Leap: Powering a Sustainable Future Through ...

This policy brief examines the complex interplay of factors shaping Eswatini's energy landscape, from security to coal development's environmental, economic, and social implications. It outlines a roadmap for a Just Energy Transition in the Kingdom.

## Eswatini: Nuclear energy technology to aid development goals

The International Atomic Energy Agency (IAEA) is assisting the Kingdom of Eswatini in its sustainable development agenda in the healthcare, agriculture and nuclear energy

sectors. IAEA experts are working with their counterparts in Eswatini to design a national programme for the 2025-2026 technical cooperation (TC) cycle.

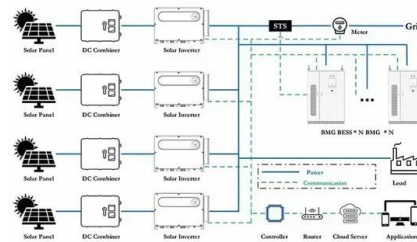


## Eswatini's Green Leap: Powering a Sustainable Future Through Just

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## Renewable energy key to Eswatini's economic future

As the globe shifts to cleaner energy, Eswatini faces economic losses if it does not invest in renewables. This is according to the policy brief that was released by the United Nations Development Programme (UNDP) Eswatini, examining the complex interplay of factors shaping the Southern African kingdom's energy landscape, from security to



## 3 ways to power Eswatini's path to energy security and ...

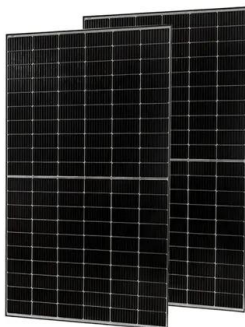
With its NDC, Eswatini has set its first economy-wide emissions reduction target of 5 percent by 2030 compared to business as usual. To reach

this goal, the country plans to increase the share of renewable energy in the electricity mix by ...



## DEVELOPMENT PROCESS OF ESWATINI ENERGY ...

o To strive to provide all households with access to modern energy by 2030. o To develop 40 MW Solar PV and 40 MW Biomass project by 2024 o To ensure energy security by 2026 (baseload generation capacity) o To provide adequate supply of energy to drive the economic recovery

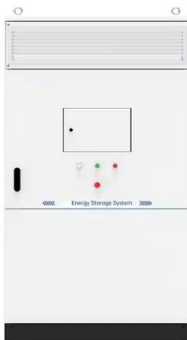


## Eswatini's energy evolution: charting the course for a renewable ...

The evolution of Eswatini's energy in renewable sector bears the potential for significant national benefits, including enhanced energy security, reduced import dependency, and diminished greenhouse gas emissions.

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## Eswatini , Africa Energy Portal

The level of the framework for energy efficiency development in Eswatini is low. There is an Energy Efficiency policy adopted in 2019 with specific energy efficiency targets at the national level set for the power sector. The National Energy Efficiency Strategy and Action Plan, adopted in 2020, targets a reduction in annual electricity

## Policy Is Promoting a Revolution of Renewable Energy ...

A nation that has long relied on neighboring South Africa and Mozambique for unsustainable fossil fuel-based electricity imports, renewable energy in Eswatini is quickly diversifying. The transformative journey ...



## Eswatini: AfDB Approves \$140M for Road Infrastructure Upgrades

The African Development Bank (AfDB) has announced a \$140.6 million loan to advance Eswatini's socioeconomic development by funding critical road infrastructure in the



Lubombo and Shiselweni regions. The loan will fund upgrading a 105.9 km section of the Siphofaneni-Sithobelath-Maloma-Nsoko (MR14) and Maloma-Siphambanweni (MR21) roads ...

## Eswatini

Energy development in Eswatini is guided by the National Energy Policy of 2018. Since then, the country's energy sector has been undergoing rapid transformation with the liberalization of the electricity sector to encourage private sector investment. The changes include the introduction of new policies, enactment of new laws, establishment of



## Policy Is Promoting a Revolution of Renewable Energy in Eswatini

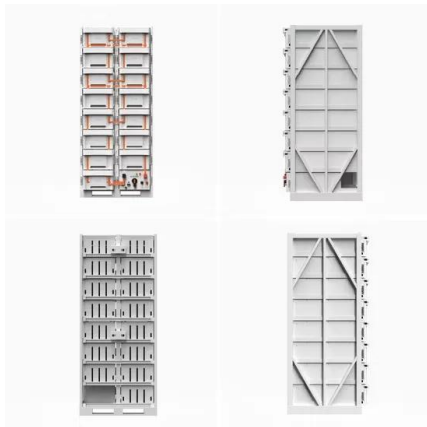
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## Eswatini Energy Regulatory Authority (ESERA) -- Umlawuli

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Eswatini Energy Regulatory Authority is a

statutory Energy Regulatory Body established through the Energy Regulatory Act, 2007 (Act No.2 of 2007). The Mandate of ESERA is the administration of Electricity Act, 2007 (Act No.3 of 2007), with the primary and core responsibilities of exercising control over the electricity supply industry (ESI) and regulation of generation, transmission



## COP26: Eswatini Pledges to Increase Renewable Energy

Speaking on behalf of His Majesty King Mswati III at COP26, the Prime Minister of Eswatini, His Excellency Cleopas Sipho Dlamini, pledged that the country will increase the share of renewable energy to 50% in the electricity mix by 2030 relative to 2010 levels through the adoption of solar, wind, biomass, hydro, and solar water heater

## Banks Effect Cross-Border Change Effective Today

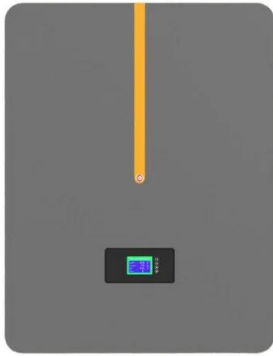
If you have agreements with companies outside Eswatini in the Common Monetary Area (CMA) (like paying insurance premiums to South African companies) using Cross-Border Electronic Fund Transfer (EFT) Debit Orders, there have been changes made. Bitcoin Surpasses Us\$100K Mark Amid Optimism over Trump'S Return to the White House. Looming



## NOMSA SIMELANE IS NEW ACCOUNTANT GENERAL

Africa-Press - Eswatini. Government has since confirmed Nomsa Busile Simelane as the new Accountant General (AG). For the past two years,

Simelane, who is a Chartered Accountant, has been the acting AG following the retirement of ...



## Independence through leapfrogging: Energy transitions in Eswatini

On a return visit to . the clinic, the energy company found that nurses and health workers were making use of the hot water as most of them and elite actors in Eswatini's energy network



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