

South Sudan grid intelligence

What is South Sudan's role as a power utility?

Its role as a power utility is expected to intensify as programmes to increase electricity access in South Sudan are implemented. It is proposed under the Electricity Bill 2015 as the regulatory entity for the electricity sector in South Sudan. It would function as the energy regulator whose functions would include the creation of regulations.

How many people in South Sudan have electricity?

Today, only about 1 percent of South Sudan's 12.5 million people can access the electric grid, according to the state-run utility. Many people use rooftop solar arrays or noisy, polluting diesel generators to keep the lights on; still many more are left in the dark.

Is South Sudan achieving SDG 7?

South Sudan is off track to achieving Sustainable Development Goal number 7 (SDG-7), and the lack of access to widespread, reliable, and affordable electricity is a binding constraint to socio-economic development. The displacement of people due to the conflicts and flooding in the country further complicates the energy access challenges.

Are there mini-grids in South Sudan?

Several companies have developed and operate mini-grids in South Sudan, as summarised in Annex 4. Data on type, number of end users, and retail tariffs were unavailable for all companies apart from SunGate Solar.

What is the South Sudan off-grid market?

Developing the off-grid products supply chain and product line The South Sudan off-grid market is dominated by non-specialised vendors and retailers who sell other products, including off-grid products. Most of the products are not quality-verified, nor do they receive any incentives to target end-users who cannot afford a one-time upfront payment.

Do health institutions in South Sudan have access to electricity?

About 30% of South Sudan health institutions do not have access to electricity. However, there were disparities where 15.0% of health institutions in urban areas lacked access to electricity compared to 33.2% of health institutions in rural areas reported lacking electricity access.

7 South Sudan Off-Grid Solar Energy Market Import-Export Trade Statistics. ... 6Wresearch is the premier, one stop market intelligence and advisory center, known for its best in class business research and consulting activity. We provide industry research reports and consulting service across different industries and geographies which provide ...

EED Advisory conducted a national off-grid and mini-grid market assessment of South Sudan, revealing that



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only 5.4% of South Sudanese have access to electricity. The research shows that 94.7% of households lack electricity, with ...

5 · The New Guard Zimbabwe, Sudan, South Sudan. Every Wednesday, Africa Intelligence spotlights a new generation of movers and shakers in business and politics. Zimbabwe Sikhanyisiwe Gumbo, a communications expert on the rise Sudan Nisreen Elsaid speaks up for peace and the planet South Sudan Madol Akol, champion of blind football

South Sudan President Salva Kiir Mayardit on Thursday, through a presidential decree, dismissed his long-time intelligence chief and appointed him as the governor of his home state. Lt Gen Akol Khor, who led the National Security Service's (NSS) Internal Security Bureau, was replaced by former Warrap State governor Lt Gen Akec Tong Aleu.

For electricity planning in South Sudan, this study investigated two types of power grid systems: centralised and distributed systems. This project confirms, through ...

For utilities to fully capitalize on data, intelligence at the grid edge is essential. This technology enables sub-second autonomous control at the edges of the electric grid, enhancing the reliability and stability of the delivery system.

The Republic of South Sudan is a land-locked country located in East-Central Africa with a population of 11.4 million people. In 2020, the World Bank, in response to .

Co-supplying the National Grid: An Assessment of Private Off-grid Electricity Generation in Juba-South Sudan. Am J Electr Power Energy Syst . 2020;9(3):47-59. doi: ...

JUBA - South Sudan's President Salva Kiir Mayardit has on Tuesday evening replaced the Director of Chieftaincy for Military Intelligence General Ring Tueny Mabor and appointed Lieutenant General Marshal Stephen Babanen as the replacement. This comes as Kiir issued several republican decrees through the state-owned South Sudan Broadcasting ...

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1 · December 18, 2024 (GENEVA/JUBA) - Arbitrary arrests and ensuing detention of civilians remain a serious human rights concern in South Sudan, the United Nations Human Rights Office and the United ...

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infrastructure at a time of historic complexity.

South Sudan Smart Grid Network Market Drivers and Challenges; South Sudan Smart Grid Network Price Trends; South Sudan Smart Grid Network Porter's Five Forces; South Sudan ...

1 · Kampala, December 19, 2024--The Committee to Protect Journalists calls on South Sudan's authorities to reveal the whereabouts of Emmanuel Monychol Akop, editor-in-chief of the privately owned The Dawn newspaper, who has been detained since November 28 by agents of the National Security Services (NSS), South Sudan's intelligence agency. "South Sudanese ...

Emission intensity of total supplier mix as reported for South Sudan. Published by the International Energy Agency (IEA). Retrieved from IEA Emissions Factors 2024. The emission factor incorporates trade adjustments.

South Sudan is made up of 10 states, each with its own local government and security apparatus. What follows is a brief summary of the current security situation in each state. Map of South Sudan. Central Equatoria State. Central Equatoria State is home to Juba, the capital city of South Sudan.

Every Wednesday, Africa Intelligence spotlights a new generation of movers and shakers in business and politics. - 10/9/2024. ... South Sudan - Daniel Anyang offers support to people with disabilities affected by flooding. As South Sudan faces the worst flooding it has experienced in 60 years, ...

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Gen. Akol Koor Kuch. Photo; File. Juba, October 2, 2024 (SSNA) -- The Director General of the Internal Security Bureau (ISB), a branch of the National Security Service, was removed from his position on Wednesday. In a decree broadcast live on the state-run SSBC TV, President Kiir dismissed General Akol Koor Kuc as the Director General of the ISB, ...

Emission intensity of total supplier mix as reported for South Sudan. Published by the International Energy Agency (IEA). Retrieved from IEA Emissions Factors 2023. The emission factor incorporates trade adjustments.

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Emission intensity of transmission & distribution losses of electricity in the grid as reported for South Sudan.

Published by the International Energy Agency (IEA). Retrieved from IEA Emissions Factors 2023. The emission factor incorporates trade adjustments.

This article presents a case study of the struggles of South Sudan, the newest country to develop a new electricity grid, and the strategic choices it faces in a post-conflict situation.

1 Introduction to Power Systems Before Smart Grid 3. 1.1 Overview 3. 1.2 Yesterday's Grid 8. 1.3 Fundamentals of Electric Power 20. 1.4 Case Studies: Postmortem Analysis of Blackouts 34. 1.5 Drivers Toward the Smart Grid 42. 1.6 Goals of the Smart Grid 43. 1.7 A Few Words on Standards 46. 1.8 From Energy and Information to Smart Grid and ...

South Sudan formally seceded from Sudan on 9 July 2011 becoming the world's newest nation, ushering in what many had hoped would be a permanent end to the decades-long armed conflict. Any optimism was short-lived, however, when on 15 December 2013, an internal armed conflict

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