

## Solar Energy South Africa

# Alstom power ab South Sudan



## Overview

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Can South Sudan generate electricity from hydropower?

South Sudan holds the potential to generate over 2,500 MW of electricity from hydropower, mostly in its equatorial region. Fula, Shukoli, Lakki, and Bedden are among the largest project sites that have been identified on the Nile River with the potential to be developed and are estimated to generate 2,927 MW of power.

How can South Sudan increase electricity access?

In a bid to increase electricity access in South Sudan, State company South Sudan Electricity Corporation plans to develop a 120 MW hydropower plant and to roll out planned regional interconnection transmission line projects.

Why is South Sudan so rich in hydro?

“South Sudan is very rich in terms of hydro because we have the potential; this is where we are going to increase access to 50%,” he said. The existing 296km, 230kV Ethiopia-Sudan interconnection transmission line also faces plans for expansion, although materialization of the project remains dependent on investment.

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### [ALSTOM IN THE PHILIPPINES 2021](#)

Alstom Level 5, South Park Plaza Paseo de Magallanes Commercial Complex Makati City 1232 Manila -Philippines Phone: +63 2 8860777 SITES traction power supply, and track works on the 12km extended line including one new depot and the current depot extension.

## The impact of Alstom in the United States

In partnership with Ernst & Young, the report shows that Alstom's activity in the U.S. creates 10,000 direct and indirect jobs and contributes over \$700 million in U.S. GDP. Alstom maintains a strong commitment to meet or exceed Buy ...



## South East Asias first 1000 MW supercritical coal-fired power

In a project worth about 1 billion in total, Alstom has signed a power plant contract worth the equivalent over 650 million with TNB Janamanjung Sdn Bhd to provide key power generation equipment to South East Asias first 1000 MW supercritical coal-fired power plant Manjung, Malaysia.

## Alstom Grid energises Jeju Island in South Korea

Alstom Grid has successfully energised the second High Voltage Direct Current (HVDC)

turnkey project in South Korea, following the first also delivered by Alstom in 1997. The newly energised project, awarded in 2009, establishes a 400 MW HVDC bi-directional transmission line between Jindo and the island of Jeju.



## [Alstom Power celebrates 100 years](#)

Yesterday it was 100 years ago, ALSTOM Power Sweden AB in Norrköping was registered as a company in Sweden by the company STAL founded (Swedish Turbine AB Ljungström) in 1913 and began operations in Finspång. In Swedish only South Africa; Spain; Sweden; Switzerland; UK; USA; Explore Alstom in the world. Search. Close search bar. Alstom

## [South Sudan: Energy Country Profile](#)

South Sudan: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. Nuclear power - alongside renewables - is a low-carbon source of electricity. For a number of countries, it makes up a large share of electricity production.



## **Alstom signs power plant upgrade and retrofit contract with ...**

Alstom has won a contract worth 110 million euros to refurbish the 2,100 MW Arnot coal-fired power plant in South Africa, and increase its power output by 300 MW to 2,400 MW. The plant

is owned by state-owned utility company Eskom.



## South African coal-fired power plant to get 160 million

Eskom and Alstom have a long-standing relationship: Alstom has provided major equipment to 12 of South Africa's 13 coal-fired power plants and Africa's only nuclear power plant. In South Africa, Alstom's presence spans over 100 years, its turbines generate 80% of the country's installed capacity. Alstom has provided 30% of the country's boilers.



## Alstom wins first supercritical steam power plant in South ...

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## Alstom delivers first HVDC power transformer in India

Under the project, Alstom will build nine power transformers at its largest manufacturing and testing facility in the country. This latest delivery is the first of nine transformers the company is building. The unit is 13m-long, 5.1m-wide and

weighs 310t.



## Alstom Grid and KEPCO create strategic power electronics joint ...

Alstom Grid has over 130 years of expertise in electrical grids. Whether for utilities or electro-intensive industries or facilitating the trading of energy, Alstom Grid brings power to its customers projects. Alstom Grid ranks among the top 3 in the electrical transmission sector with an annual sales turnover of more than 4 billion.

## AlstomPower China Introduction

South America 6% NorthAmerica 11% Europe 59% Power 52% \*as of 7 June 2010 96,500 employeesworldwide\* Grid 21%. ALSTOM Power Generation Ltd ALSTOM Power Service China Ltd. -HK ALSTOM Sizhou Group CompaniesALSTOM Sizhou Group Companies AQRECAQREC XAYEECOXAYEECO Wuhan Boiler Co. AWEC



## The impact of Alstom in India

The study focuses on the impact of Alstom in India and is based on the identification, computation and evaluation of more than 40 CSR-related KPIs connected to Alstom's CSR strategy pillars. As you read the report, you will find several examples of how we use our strengths to

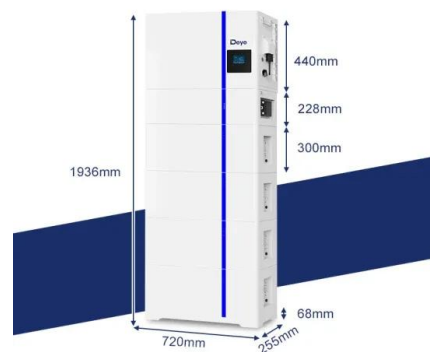


assist and contribute to the betterment of India, along with its

## Alstom JV inaugurates rail factory in South Africa

Alstom Ubunye, a joint venture of Alstom, has inaugurated a modernised rail factory in Ekurhuleni near Johannesburg in South Africa. In 2016, Alstom completed the acquisition of a 51% share in South African rail company Commuter Transport & Locomotive Engineering (CTLE), of which CTE and IDC Corp hold minority shares.

### ESS



## South Africa our commitment to power

Alstom has been in South Africa for over 100 years, employs over 5,500 people and its equipment is involved in generating over 80 % of the installed capacity in South Africa. Alstom is helping South Africa to provide every South African with affordable and reliable access to power by the year 2014. Over the short-term, it is enhancing the

## Alstom in Brazil

In all, Alstom Brazil will be responsible for the supply, testing and commissioning of 35 trains. Phase two of the Taipei Circular Line (Taiwan): Alstom's site in Taubaté will produce 29 trains, with 116 cars in total. Bucharest Metro ...



## Alstom to lead a consortium to build South East Asias first 1000 ...

Alstoms scope worth the equivalent of over 650 million . In a project worth about 1 billion in total, Alstom has signed a power plant contract worth the equivalent over 650 million with TNB Janamanjung Sdn Bhd to provide key power generation equipment to South East Asias first 1000 MW supercritical coal-fired power plant Manjung, Malaysia. The unit will be the ...

## Alstom's joint-venture Ubunye inaugurates its world class rail ...

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17 October 2019 - Alstom Ubunye rail factory, one of Alstom's joint-ventures in South Africa, was officially inaugurated on 17 October 2019, in Ekurhuleni, in the presence of the Premier of Gauteng, Mr David Makhura, Dr. Nkosindiphile Xhakaza, MMC (Member of the Mayoral Committee) for Finance and Economic Development in Ekurhuleni, the French Ambassador in ...



[Press releases and news](#)



At Alstom, we value curious and innovative people who are passionate about working together to reinvent mobility, making it smarter and more sustainable. South Western Railway celebrates rollout of Aventra fleet in the UK. Press Releases 28 Nov 2024. Alstom celebrates the launch of the Riyadh Metro network.

## Merowe Dam

The Merowe Dam, also known as Merowe High Dam, Merowe Multi-Purpose Hydro Project or Hamdab Dam, is a large dam near Merowe Town in northern Sudan, about 350 kilometres (220 mi) north of the capital Khartoum s dimensions make it the largest contemporary hydropower project in Africa is situated on the river Nile, close to and inundating the 4th Cataract where

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## Kuwaits gas powered unit Az-zour to be transformed into a

Alstom has been awarded a contract worth approximately 170 million by Al Ghanim International to build a steam-tail add-on power plant for Kuwaits Az-zour gas powered power plant, located approximately 80 km south of Kuwait City.



## [ENERGY PROFILE South Sudan](#)

South Sudan COUNTRY INDICATORS AND SDGS  
 TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021  
 74% 26% Oil Gas Nuclear Coal + others  
 Renewables 0% that, if renewable power did not exist, fossil fuels would be used in its place to generate the same amount of power and using

the same mix of fossil fuels. In



## **Alstom Rugby welcomes South African customer**

As part of a UK tour organised by the Electric Power Research Institute, a team from Eskom in South Africa last week took the opportunity to tour Alstom's facilities in Rugby. Alstom Rugby welcomes South African customer. Share Facebook; Twitter; Copy link; Press releases and news 30 Mar 2012

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