

Zambia utility-scale solar



Overview

Zambia has officially launched the construction of a 100-MW utility-scale solar photovoltaic (PV) power plant, marking a major milestone in the country's ongoing transition toward a more diversified and resilient energy mix. Zesco Limited is a state-owned utility responsible for the majority of Zambia's national power transmission and distribution. The contract provides the right to sell solar-generated electricity to the Government of Zambia at a fixed rate of US\$0.07 per kilowatt-hour ("kWh") for a 20-year term. Zesco has completed the 100 MW Chisamba solar farm in southern Zambia and has launched plans for a second 100 MW phase at the site, now home to sub-Saharan Africa's largest grid-connected solar plant outside South Africa. The project is located in the Siavonga District, a region strategically. In 2026, the Company expanded its sustainability focus beyond tree planting to include ecological restoration, carbon sequestration, community development, and responsible infrastructure deployment built into its renewable energy operations. According to the Times of Zambia, the planned project forms part of a broader strategy to. ZESCO Limited is accelerating its expansion into solar energy through a landmark Public-Private Partnership (PPP) to develop the Mailo Solar Power Plant.

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Stardust Solar Aligns Utility-Scale Project Development with Long ...

This expanded focus directly supports Stardust Solar's 30MW utility-scale solar project in Zambia, where the Company is advancing clean power generation while prioritizing sustainable land ...

Zambia Begins Building 100 MW Solar Project

Zambia is actively pursuing a goal to deploy 1 GW of utility-scale solar power, with more than ten projects in development, as reported by the Ministry of Energy.



Stardust Solar Deepens Africa Sustainability Push Around Zambia ...

Stardust Solar is embedding an expanded sustainability framework into its 30MW utility-scale solar project in Zambia, tying environmental and community outcomes to long-term asset ...

FinancialContent

Under a fully executed loan and joint venture agreement dated Janu, Stardust Solar will fund project development, construction and provide all utility-scale engineering ...



Zambia : Government Signals New Large-Scale Solar Power Project

Solar energy projects have gained momentum in recent years, with Zambia commissioning several utility-scale installations and encouraging independent power producers to ...

ZESCO Subsidiary Kiyona Energy signs deal for 26 MW solar project ...

ZESCO's renewable energy arm, Kiyona Energy, has signed a power purchase agreement with Bluesun Solar Zambia Ltd to develop a 26 MW solar photovoltaic plant, marking another ...



Stardust Solar Zambia Secures 20-Year Power Purchase Agreement ...



The 30MW utility-scale solar facility, comprising approximately 45,000 high-efficiency solar panels, is expected to reach commercial operation later this year upon completion of first 2MW ...

Zambia solar project: Stunning 34 MW Expansion Approved

ZESCO Limited, Zambia's national electricity utility, is making substantial strides in its solar energy ambitions. The company has partnered with Solarcentury Africa on the ambitious Mailo ...



Zambia Kicks Off Construction of a 100-MW Utility-Scale Solar Power ...

Zambia has officially launched the construction of a 100-MW utility-scale solar photovoltaic (PV) power plant, marking a major milestone in the country's ongoing transition toward a more diversified and ...

Zambia completes 100 MW solar farm - pv magazine

International

State-owned power company Zesco has completed the 100 MW Chisamba solar farm in southern Zambia. The project, billed as the largest grid-connected solar facility in Zambia and the ...



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