



South Africa's solar energy storage policy plan



Overview

The ambitious plan envisages the procurement of 34 GW wind, 25 GW solar PV, 8.5 GW battery storage, and 16 GW distributed generation by 2039, signalling a strong policy commitment to clean energy and creating a predictable investment environment. At the end of March 2025, the South African government rolled out a Renewable Energy Masterplan (PDF 58 pages / 2.1 MB), which outlined a comprehensive framework to develop the country's burgeoning renewable energy industry. Less than seven months later, on 15 October, South Africa's cabinet. South Africa is aiming to procure utility-scale battery storage with two tender programmes: its Battery Storage IPP Procurement Programme as well as hybrid battery storage and variable renewables projects through its Risk Mitigation IPP Procurement Programme. These tender programmes are designed to. Driving industrial development 5. More recently, reforms such as the removal of licensing thresholds for embedded generation.



Article Content

South African Renewable Energy Masterplan (SAREM)

(SAREM) An inclusive industrial development plan for the renewable energy and storage value chains by 2030 2 April 2025 The Department of Trade, Industry and Competition (the dtic), November 2020 ...

South African Renewable Energy Masterplan (SAREM)

The South African Renewable Energy Masterplan (SAREM) articulates a vision, objectives and an action plan for South Africa to tap into these opportunities.

South Africa's IRP 2025 presents transformative ...

The ambitious plan envisages the procurement of 34 GW wind, 25 GW solar PV, 8.5 GW battery storage, and 16 GW distributed generation by ...

South Africa targeting up to 5 GW of new renewables ...

The South African Renewable Energy Master Plan (SAREM) aims to deploy at least 3 GW of new renewables per year, increasing to 5 GW by 2030, ...

South African Renewable Energy Masterplan (SAREM)

The renewable energy and battery storage value chain has a core role to play in South Africa's sustainable development and achieving the socio-economic objectives laid out in the country's ...

South Africa Renewable Energy Sector 2025

While the introduction of new laws, plans and procurement instruments has shaped the growth of renewables, questions persist as to whether South Africa's government is driving the depth of ...

Africa primed for solar breakthrough after record capacity growth

Ambitious clean energy policies from South Africa to Egypt look set to drive further widespread uptake of solar and battery systems, setting the stage for Africa to become a prominent ...

Utility-scale batteries in South Africa: Improving grid stability and ...

This project aims to decommission one of South Africa's oldest coal-fired power plants and replace it with 220 MW solar PV and wind power, as well as 150 MW battery storage. The funding comprises ...

South Africa: SAREM to "ignite" economy

SAREM is South Africa's contribution to that vision, offered as a foundation for broader continental alignment. At the ...

South Africa's Five-Year Energy Reform Plan (2024–2029)

This ambitious blueprint focuses on scaling up renewable energy in South Africa, accelerating private-sector participation, and reforming state-owned entities to achieve financial sustainability.

Contact Us

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