

New energy storage projects in Cape Town





Overview

Will Cape Town own a solar plant?

The city of Cape Town, South Africa, has started building a 7 MW solar plant that it will own and operate. It has also launched a tender for a 5 MW/8 MWh battery energy storage system to be built at the same site. Cape Town is set to become the first city in South Africa to own and operate its own solar plant.

Why did solar MD open its first gigawatt factory in Cape Town?

Solar MD officially opened Africa's first gigawatt factory in Cape Town to support the company's commitment to developing and manufacturing high-performance energy storage solutions that maximise the potential of renewable energy resources.

What is Cape Town's energy strategy?

TY OF CAPE TOWN
FOREWORD FROM THE EXECUTIVE MAYOR
With this Energy Strategy, Cape Town is charting the long-term path to 2050, as we make the great transition from centralised supply of unreliable, costly and fossil fuel-based Eskom energy, to an increasingly decentralised supply of reliable, cost-effective, carbo.

Who owns the Red Sands battery energy storage system?

Updated 1st July 2025 – The Red Sands Battery Energy Storage System (BESS), set to be Africa's largest of its kind, has officially reached commercial close. Developed by Globeleq, which is 30% owned by Norfund, in partnership with African Rainbow Energy, the 153 MW/612 MWh project was signed off in June 2025 in Cape Town.



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Cape town new energy storage project

The City of Cape Town will invest R1.2 billion into a solar PV and battery storage project, which should produce 60MW of renewable energy - potentially shielding the city from one stage of ...

Solar MD opens Africa's first gigawatt factory in Cape Town

Dec 6, 2024 · Solar MD officially opened Africa's first gigawatt factory in Cape Town to support the company's commitment to developing and manufacturing high-performance energy storage ...

Envision Energy Secures South Africa's Largest Energy Storage ...

Dec 16, 2024 · CAPE TOWN, South Africa, Dec. 16, 2024 /PRNewswire/ -- Envision Energy, a world leader in renewable energy solutions, proudly announces a contract with the EDF ...

Cape Town: Pioneering a Sustainable Energy ...

Apr 4, 2024 · Cape Town is leading the way in sustainable energy with a commitment to reduce reliance on Eskom and eradicate load shedding by ...

INDEPENDENT POWER PRODUCER (IPP)

Sep 4, 2023 · IPP Frequently Asked Questions This document is expected to be used by Independent Power Producers (IPPs), renewable energy and energy service project ...

Africa's Largest Battery Energy Storage Project Red Sands ...

Updated 1st July 2025 - The Red Sands Battery Energy Storage System (BESS), set to be Africa's largest of its kind, has officially reached commercial close. Developed by Globeleq, ...

The Oasis 1: Mookodi BESS project advances

Oct 17, 2024 · The Oasis 1 Mookodi battery energy storage systems (BESS) project reached commercial close on Wednesday, 16 October 2024. This ...

Green Initiatives In Cities: Cape Town's Renewable Energy Revolution

Oct 17, 2024 · Discover why Cape Town is leading other cities in Africa with green initiatives in cities' implementation of ...

Cape Town Launches Bidding for First Utility-Scale Battery Storage

The City of Cape Town is inviting bids for its inaugural utility-scale battery energy storage system (BESS) facility, marking a significant step in the city's renewable energy strategy. This ...

Cape Town Launches Bidding for First Utility ...

The City of Cape Town is inviting bids for its inaugural utility-scale battery energy storage system (BESS) facility, marking a significant step in the ...



Africa's Largest Battery Energy Storage ...

Updated 1st July 2025 - The Red Sands Battery Energy Storage System ...

Unpacking battery energy storage systems ...

Jun 7, 2023 · The City of Cape Town will in the third quarter release an RFP for 100MW of battery energy storage systems to bolster energy security.

Cape Town to spend \$4 B on projects

Africa , July 10, 2025 Cape Town to spend \$4 B on projects City to invest in power plant upgrades, solar PV expansion, and LED streetlighting as part ...

Solar & Storage Live Cape Town 2026 , Cape ...

Solar & Storage Live is Cape Town's largest renewable energy exhibition that celebrates the technologies at the forefront of the transition to a greener, ...

Cape town energy storage technology

The Role of Steenbras Pumped Storage Station. Located in Cape Town, the Steenbras Pumped Storage Station plays a pivotal role in protecting the city's residents, businesses, and ...

Cape Town to spend \$4 B on projects , Transformer Magazine

Africa , July 10, 2025 Cape Town to spend \$4 B on projects City to invest in power plant upgrades, solar PV expansion, and LED streetlighting as part of its strategy for a resilient, ...

Construction begins on South Africa's first ...

Oct 9, 2024 · The city of Cape Town, South Africa, has started building a 7 MW solar plant that it will own and operate. It has also launched a tender ...

Cape Town builds solar-plus-storage to ...

Apr 18, 2023 · Cape Town Mayor Geordin Hill-Lewis announced that the city would design, build and operate a solar PV plant with battery storage to ...

Cape Town's Bold Infrastructure Initiative: A ...

Feb 14, 2024 · Cape Town's infrastructure investments herald a new era of prosperity for the city's inhabitants and solidify its status as a hub of ...

Cape Town builds solar-plus-storage to 'reduce Eskom ...

Apr 18, 2023 · Cape Town Mayor Geordin Hill-Lewis announced that the city would design, build and operate a solar PV plant with battery storage to the tune of 1.2 billion Rand (US\$65 ...

Property Developments Cape Town: New ...

Cape Town showcases a variety of new property developments in 2025, including high-tech residential communities and innovative commercial ...

Construction begins on South Africa's first city-run solar plant



Oct 9, 2024 · The city of Cape Town, South Africa, has started building a 7 MW solar plant that it will own and operate. It has also launched a tender for a 5 MW/8 MWh battery energy storage ...

South Africa: Cape Town solar PV project ...

Jun 6, 2025 · Image: Cape Town Mayor Geordin-Hill Lewis and Mayoral Committee Member for Energy Xanthea Limberg, tour the solar PV plant ...

Solar MD opens Africa's first gigawatt factory ...

Dec 6, 2024 · Solar MD officially opened Africa's first gigawatt factory in Cape Town to support the company's commitment to developing and ...

Large-scale solar, battery storage hybrid ...

A 540 MW solar and 225 MW/1,140 MWh battery storage hybrid project has commenced operations in South Africa. The project, located in the town of ...

THE 2050 ENERGY STRATEGY FOR THE CITY OF CAPE ...

Feb 9, 2024 · FROM THE EXECUTIVE MAYOR With this Energy Strategy, Cape Town is charting the long-term path to 2050, as we make the great transition from centralised supply of ...

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