

Cape town new energy storage planning scheme



Overview

A solar-plus-storage project is being planned for the legislative capital of South Africa, as the city looks to move "away from Eskom reliance and towards a load-shedding-free Cape Town", its Mayor said. The City of Cape Town has unveiled a staggering R71.9 billion investment plan over the next three years, targeting critical infrastructure upgrades and a significant shift towards diversified and sustainable electricity supply. This monumental commitment positions Cape Town as a project, Cape Town Etc reports. While the City of Cape Town has been able to protect City supply area customers from up to two stages of load-shedding, the current levels are severely disruptive to the local economy, its future growth and the environment for future generations. What is a battery energy storage system (BESS) in Cape Town?

The City of Cape Town has issued a tender for a battery energy storage system (BESS) with a minimum rated power output of 5 MW and energy storage capacity of 8 MWh. Cape Town Mayor Geordin Hill-Lewis announced that the city would design, build and operate a solar PV plus energy storage capacity of 8 MWh.

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[Cape Town unveils R71.2B plan to boost energy resilience, cut Eskom](#)

A cornerstone of Cape Town's energy independence strategy is the multi-year refurbishment of the Steenbras Pumped Storage Scheme, with an allocation of over R1.2 billion over

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 load shedding.



[R107m Steenbras Dam scheme upgrade in the works to help Cape Town](#)

The City of Cape Town is proposing a R107 million refurbishment project to the Steenbras Hydro Pumped Storage Scheme. The scheme allows the City to protect residents and

Cape town energy storage power

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Cape Town New Energy Storage Project

As part of its long-term energy strategy, the city plans to invest R39.5 billion in infrastructure between July 2024 and June 2027. Furthermore, Cape Town has issued a tender for its first battery energy

Cape town new energy storage plant

Cape Town will design, build, and operate a R1.2 billion (\$66 million) solar PV plant with battery storage capable of providing up to a full stage of load-shedding protection.



THE 2050 ENERGY STRATEGY FOR THE CITY OF CAPE TOWN

Our strategy is grounded in three key commitments: to end load-shedding, to alleviate energy poverty, and to optimise energy use across Cape Town.

FTSE 100 Trading Data

The City of Cape Town wants to spend over R100 million on professional services over the next few years as part of a strategy to refurbish its Steenbras Hydro Pumped Storage Scheme.



[Grid-Scale Energy Storage in Cape Town: Powering a Sustainable](#)

Summary: Discover how Cape Town's energy storage power station is revolutionizing grid stability while supporting South Africa's renewable energy transition. This article explores the project's technical

[Cape Town builds solar-plus-storage to 'reduce Eskom reliance'](#)

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