

# Cape Town's first solar energy storage power station



## Overview

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Is Cape Town the first city in South Africa to own a solar plant?

Cape Town is set to become the first city in South Africa to own and operate its own solar plant. Construction is now underway on the city's own 7 MW facility, which will have potential to scale up to 10 MW. It is located in the town of Atlantis, around 40 km north of the city.

Where is Cape Town building a solar power plant?

The city is currently building a 7 MW solar facility in Atlantis, about 40 km north of Cape Town, with plans to increase capacity to 10 MW in the future. The R200 million (\$11.3 million) project is being managed by the Lesedi Technoserve consortium, which is responsible for the engineering, procurement, and construction.

Who owns Cape Town's solar plant?

By Joanne Carew, ITWeb Cape-based contributor. Cape Town mayor Geordin Hill-Lewis. The City of Cape Town's municipal solar plant in Atlantis, Cape Town, is now one-sixth complete. The facility is the first utility-scale renewable energy project in Cape Town and the first-of-its-kind in South Africa to be owned and operated by a city.

How many solar panels have been installed in Cape Town?

The facility is the first utility-scale renewable energy project in Cape Town and the first-of-its-kind in South Africa to be owned and operated by a city. Since construction on the project began in October 2024, around 2 400 solar panels have been installed.

## Cape Town's first solar energy storage power station



### 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 ...

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## Western Cape Launches Tender for Solar PV, Energy Storage, ...

The Western Cape government is making strides in renewable energy by issuing a tender for solar PV systems, battery energy storage systems (BESS), and EV charging ...

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### Cape Town's Atlantis solar plant: A ...



Opening Cape Town's grid for energy traders to 'wheel' power Limberg said the Atlantis site will operate as a hybrid plant alongside the ...

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## Cape Town's R200m Atlantis solar plant takes ...

The City of Cape Town's municipal solar plant in Atlantis, Cape Town, is now one-sixth complete. The facility is the first utility-scale ...



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## Cape Town starts its first solar plant

Cape Town has begun constructing its first solar photovoltaic (PV) plant in Atlantis, taking a significant step toward diversifying its energy sources and decreasing dependence on ...

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## Urban Power Profile: Power System, Energy Poverty ...

Cape Town launches pilot framework for wheeling or bilateral power trading Cape Town releases first tender call for IPPs to develop low-carbon power projects Cape Town joins ...



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## South Africa: Cape Town solar PV project gathering steam

Construction of the first municipal own-build solar plant in South Africa is making progress, with thousands of solar

panels installed so far. The City of Cape Town announced ...

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## **Cape Town Breaks Ground on First Utility-Scale Solar PV ...**

This is vital as we face another massive Eskom price hike," said Geordin Hill-Lewis, Mayor of Cape Town. During the ground-breaking ceremony, Mayor Hill-Lewis also ...

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## **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 ...

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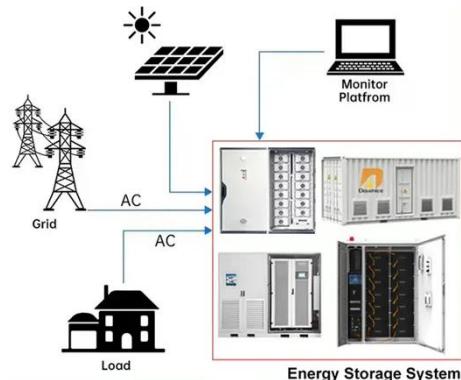
## **Construction begins on SA's first City-run ...**

It is the first utility-scale renewable

energy project in Cape Town and will be owned and operated by the City. The first power is ...

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The availability and relative affordability of coal as an energy source has made electricity generation heavily dependent on coal; 88% of electricity is generated through ...

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### South Africa: Cape Town solar PV project ...

Construction of the first municipal own-build solar plant in South Africa is making progress, with thousands of solar panels installed ...

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### Five Biggest Concentrated Solar Power Plants ...

Karoshoek Solar One is located approximately 30km east of the city of Upington, an area of South Africa that is

frequently described as ...

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## **Cape Town's R200m Atlantis solar plant takes shape , ITWeb**

The City of Cape Town's municipal solar plant in Atlantis, Cape Town, is now one-sixth complete. The facility is the first utility-scale renewable energy project in Cape Town and ...

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## **How is the Cape Town energy storage power station ...**

The Steenbras Power Station, also Steenbras Hydro Pump Station, is a 180 MW pumped-storage hydroelectric power station commissioned in 1979 in South Africa. The power station sits ...

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## **City of Cape Town energy budget set to enhance streetlight ...**

The City's Energy Directorate's budget for the next three years focuses on streetlighting enhancements, the multi-year refurbishment of the Steenbras power plant ...

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## Cape Town starts its first solar plant

Cape Town has begun constructing its first solar photovoltaic (PV) plant in Atlantis, taking a significant step toward diversifying its ...

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## Cape Town Begins Construction on South Africa's First City-Owned Solar

Cape Town is poised to become the first city in South Africa to independently own and operate a solar power plant. Construction has commenced on a 7 MW facility that has the ...

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## Utility scale: 10 biggest solar projects in South Africa

TechCentral has a look at the largest solar energy projects in South Africa and



the technologies they employ.

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## **Cape Town to become SA's first city with a solar power plant**

Cape Town is on track to become the first city in South Africa to own and operate a solar power plant, marking a significant move towards energy independence.

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## **Cape Town's Atlantis solar plant: A ...**

The City of Cape Town is making strides with its R200 million solar plant in Atlantis, aiming to power the local grid with 12,850 solar ...

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## **Cape Town's Atlantis solar plant: A groundbreaking step**

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Opening Cape Town's grid for energy

traders to 'wheel' power Limberg said the Atlantis site will operate as a hybrid plant alongside the City's first utility-scale battery storage ...

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## Cape Town to become SA's first city with a ...

Cape Town is on track to become the first city in South Africa to own and operate a solar power plant, marking a significant move ...

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## Construction begins on South Africa's first city-run 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 ...

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## Construction begins on South Africa's first ...

The city of Cape Town, South Africa, has started building a 7 MW solar plant that



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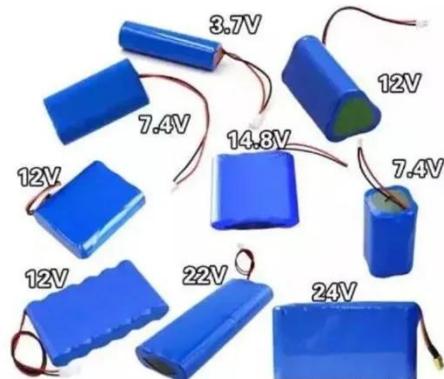
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## Cape Town's Atlantis solar plant: A groundbreaking step

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The City of Cape Town is making strides with its R200 million solar plant in Atlantis, aiming to power the local grid with 12,850 solar panels by year-end.



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