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# Africa Energy Storage Power Supply Procurement

Does South Africa have a battery storage tender programme?

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.

Why is the South African government using IPP to allocate battery storage?

In 2022, this led to unprecedented load shedding of more than 8 terawatt-hours (TWh), which was a fourfold increase in unmet demand compared with the previous year. As a result, the South African government is using its Independent Power Producer (IPP) Procurement Programmes to allocate firm capacity, including battery storage.

Why is battery storage important in South Africa?

In South Africa, battery storage is increasingly seen as a key pillar to help provide grid stability and integrate variable renewables given its ageing coal-fired power fleet and grid.

What are the most popular solar-plus-storage developments in Africa?

As noted by AFSIA Solar, one of the most notable solar-plus-storage developments in Africa is Norway-based independent power producer (IPP) Scatec's 225MW/1,140MWh Kenhardt project in South Africa. The site started operation in late 2023 (pictured above).

The Department of Mineral Resources and Energy (DMRE) has officially announced the five preferred bidders for South Africa's third Battery Energy Storage Independent Power ...

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The business case for using battery energy storage technology has changed dramatically in the last two years. According to the IEA, China currently produces more than ...

Energy Supply Challenges in South Africa: The launch of the Battery Energy Storage IPP Procurement Program (BESIPPPP) in 2023 significantly boosted the energy ...

The Minister of Electricity and Energy, Hon. Dr. Kgosientsho Ramokgopa, has announced the appointment of five (5) Preferred Bidders under the Battery Energy Storage ...

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In November 2023, South Africa announced preferred bidders for the first Battery Energy Storage IPP Procurement Programme tender, which - if all implemented in full - would ...

The projects represent three of the five winning bids in South Africa's inaugural Battery Energy Storage Independent Power Producer ...

These projects are integral to South Africa's inaugural Battery Energy Storage Independent Power Producer Procurement Programme (BESIPPPP). EDF, in collaboration with co-sponsor Mulilo, ...

Africa's energy storage market has boomed since 2017, rising from 31MWh to 1,600MWh in 2024,

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according to trade body AFSIA Solar.

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